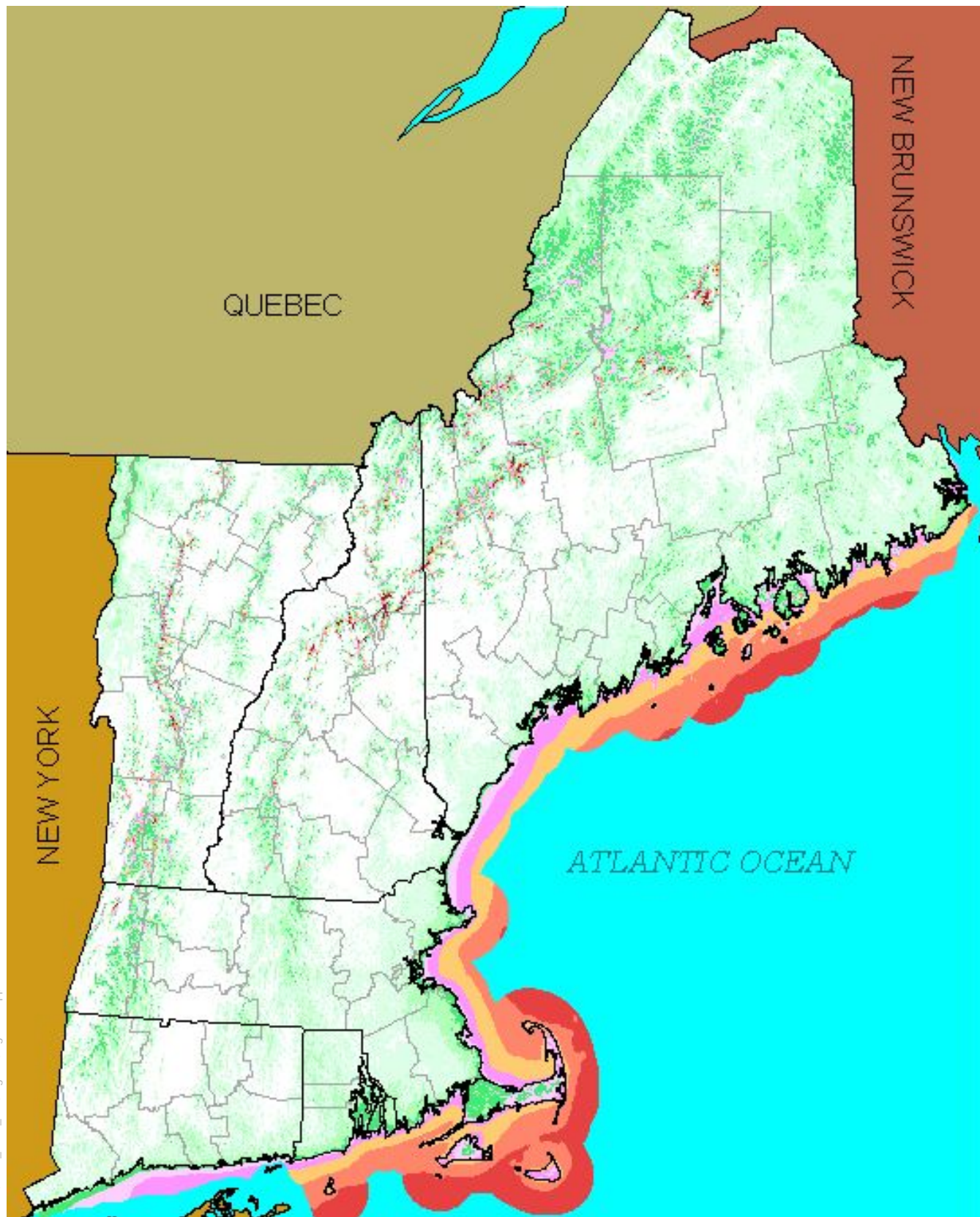
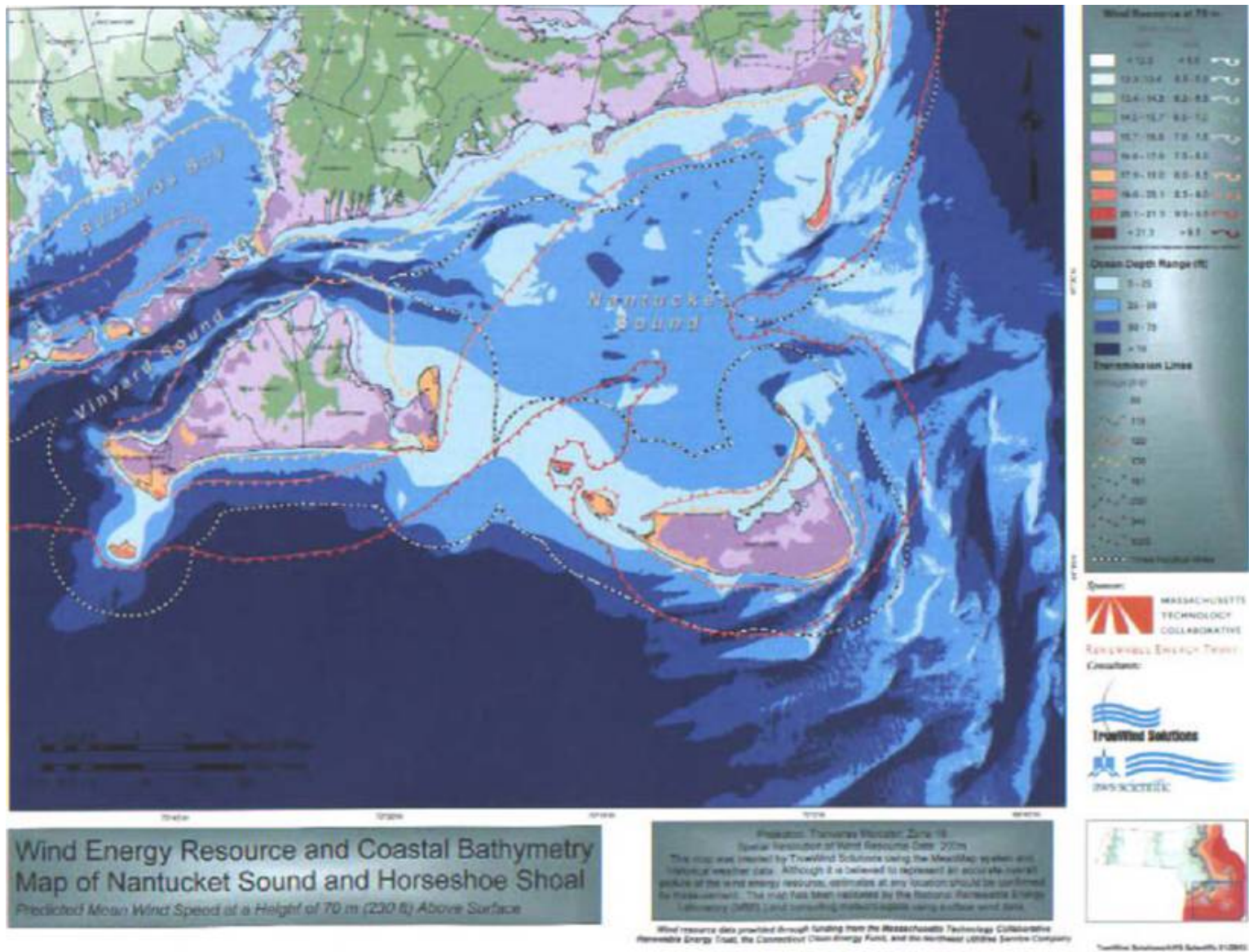


Figures

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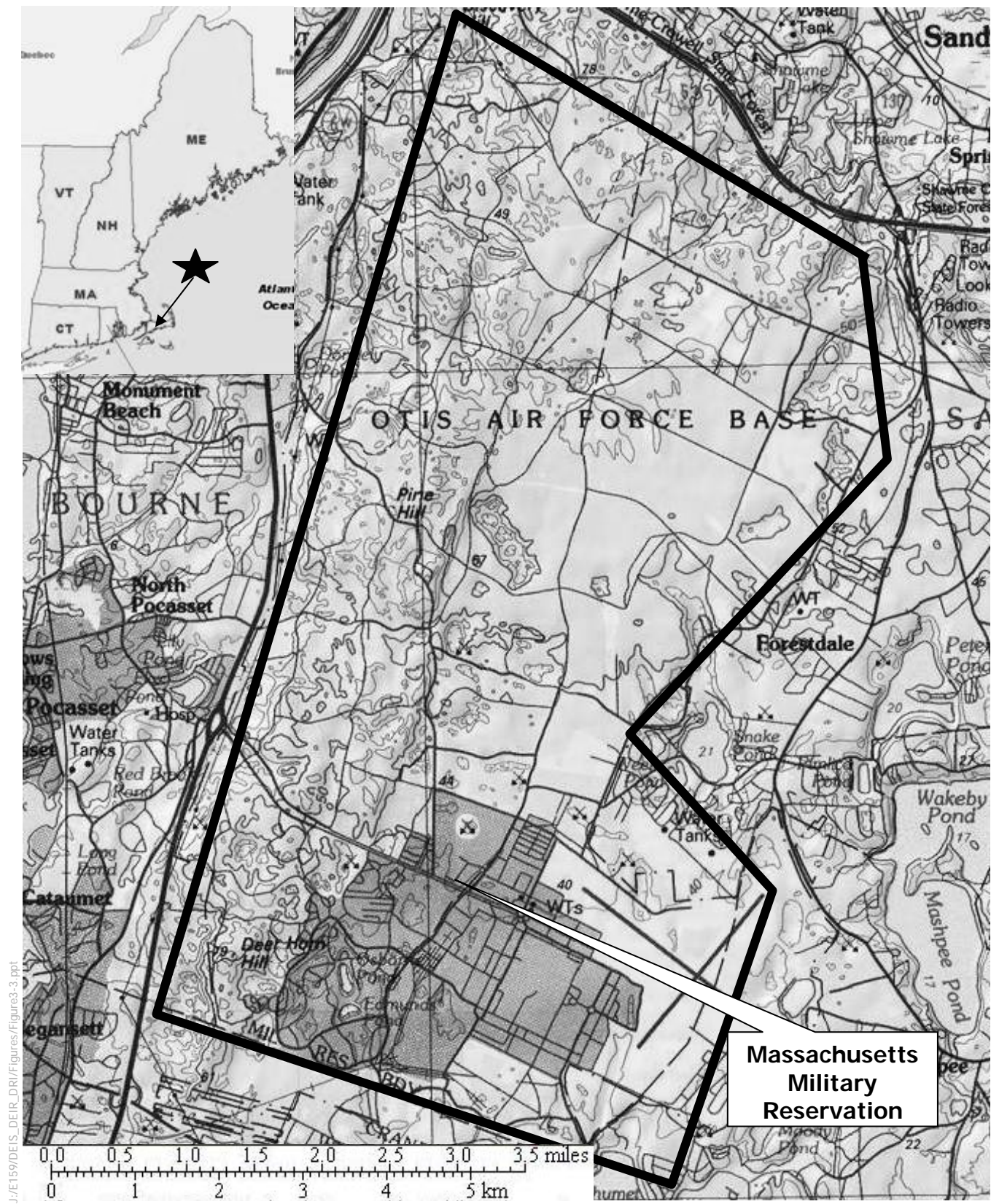


Cape Wind Project

Source: Massachusetts Technology Collaborative
www.mtpc.org/offshore/appendices/NantucketSoundmap.pdf
 Scale: As Shown
 Copyright © ESS, Inc., 2004

Wind Energy Resource and Coastal Bathymetry Map of Nantucket Sound and Horseshoe Shoal

Figure 3-2



J:\E159\DEIS_DEIR_DRI\Figures\Figure3-3.ppt



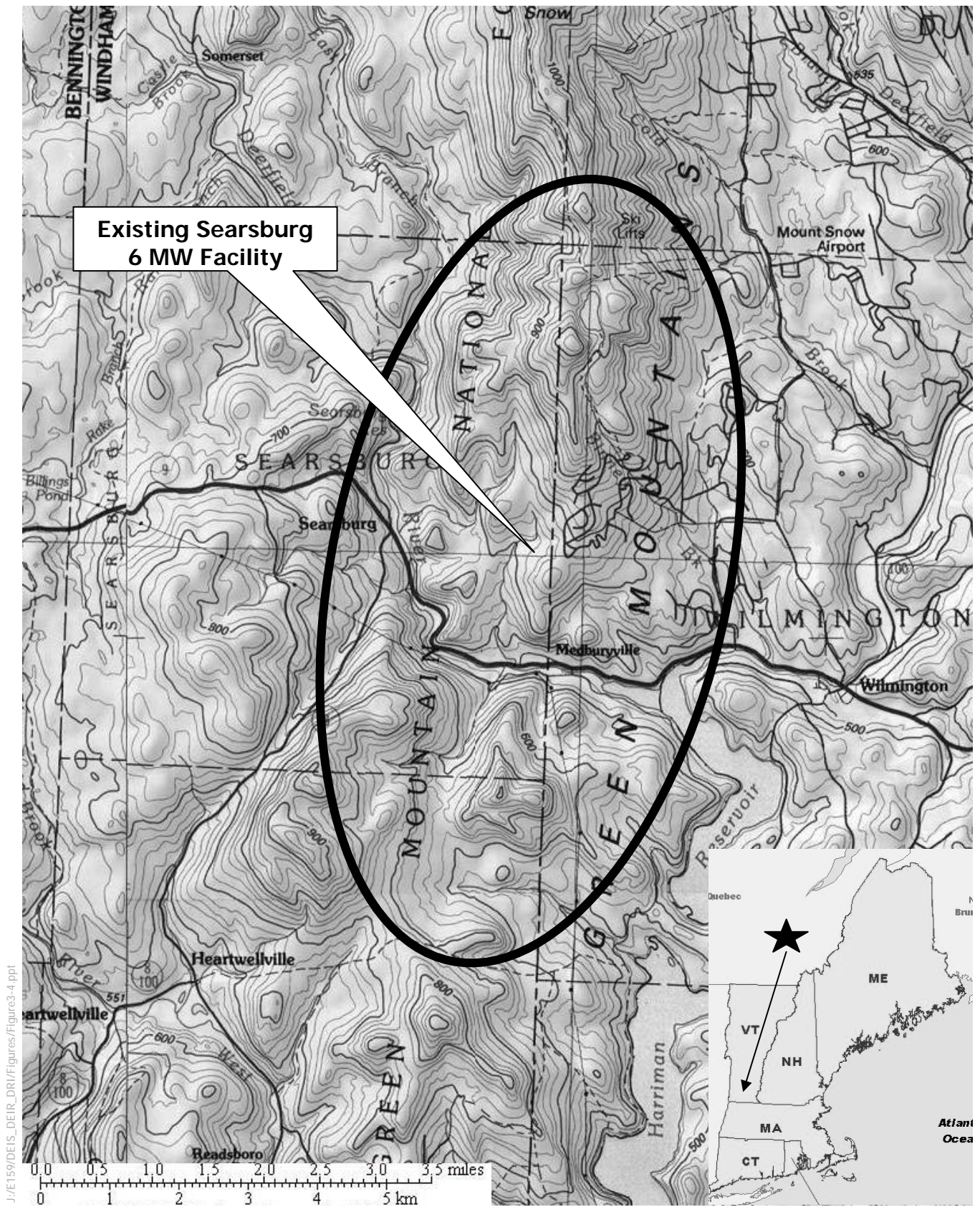
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on
CD-ROM – Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

**Upland Alternative:
Massachusetts Military Reservation/
Otis Air Force Base
Sandwich, Massachusetts**

**Figure
3-3**



J:\E159\DEIS_DEIR_DRI\Figures\Figure3-4.ppt



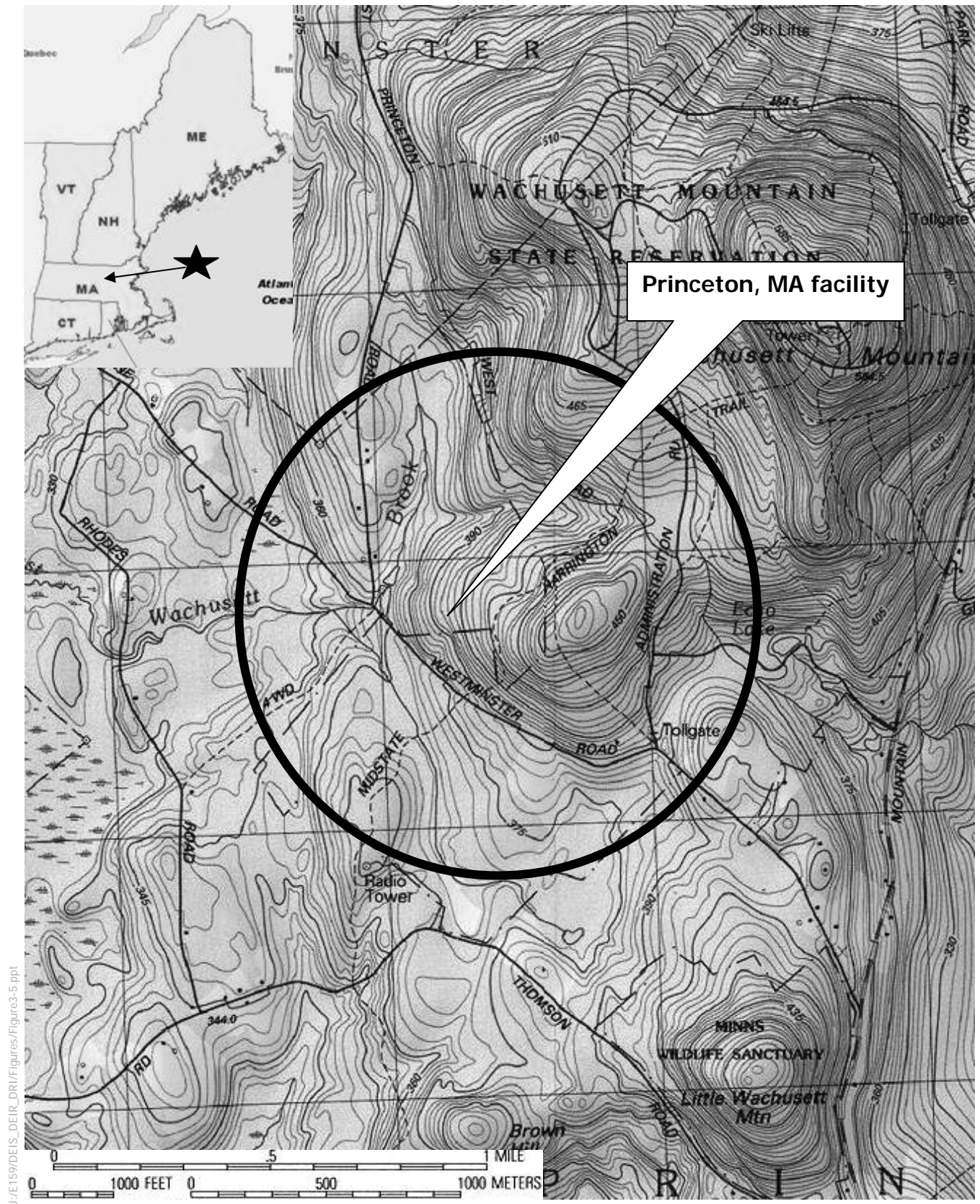
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on CD-ROM – Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

**Upland Alternative:
Searsburg, Vermont
Existing Facility**

**Figure
3-4**



J:\E159\DEIS_DEIR_DRI\Figures\Figure3-5.ppt



Engineers
Scientists
Consultants

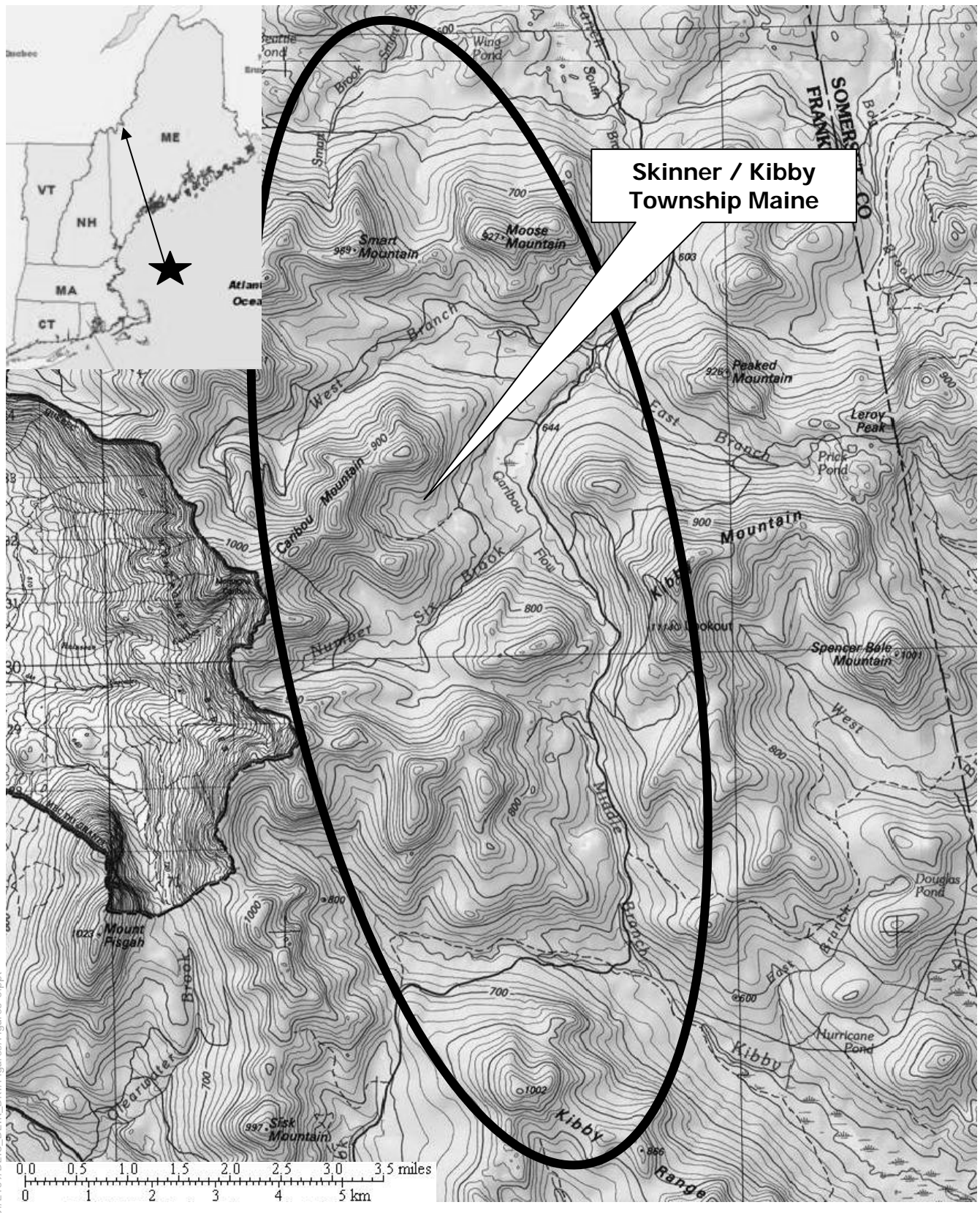
Cape Wind Project

Source: USGS Topographic Maps on CD-
ROM – Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

**Upland Alternative:
Princeton, Massachusetts**

**Figure
3-5**

J:\ET\159\DEIS_DEIR_DRI\Figures\Figure3-6.ppt



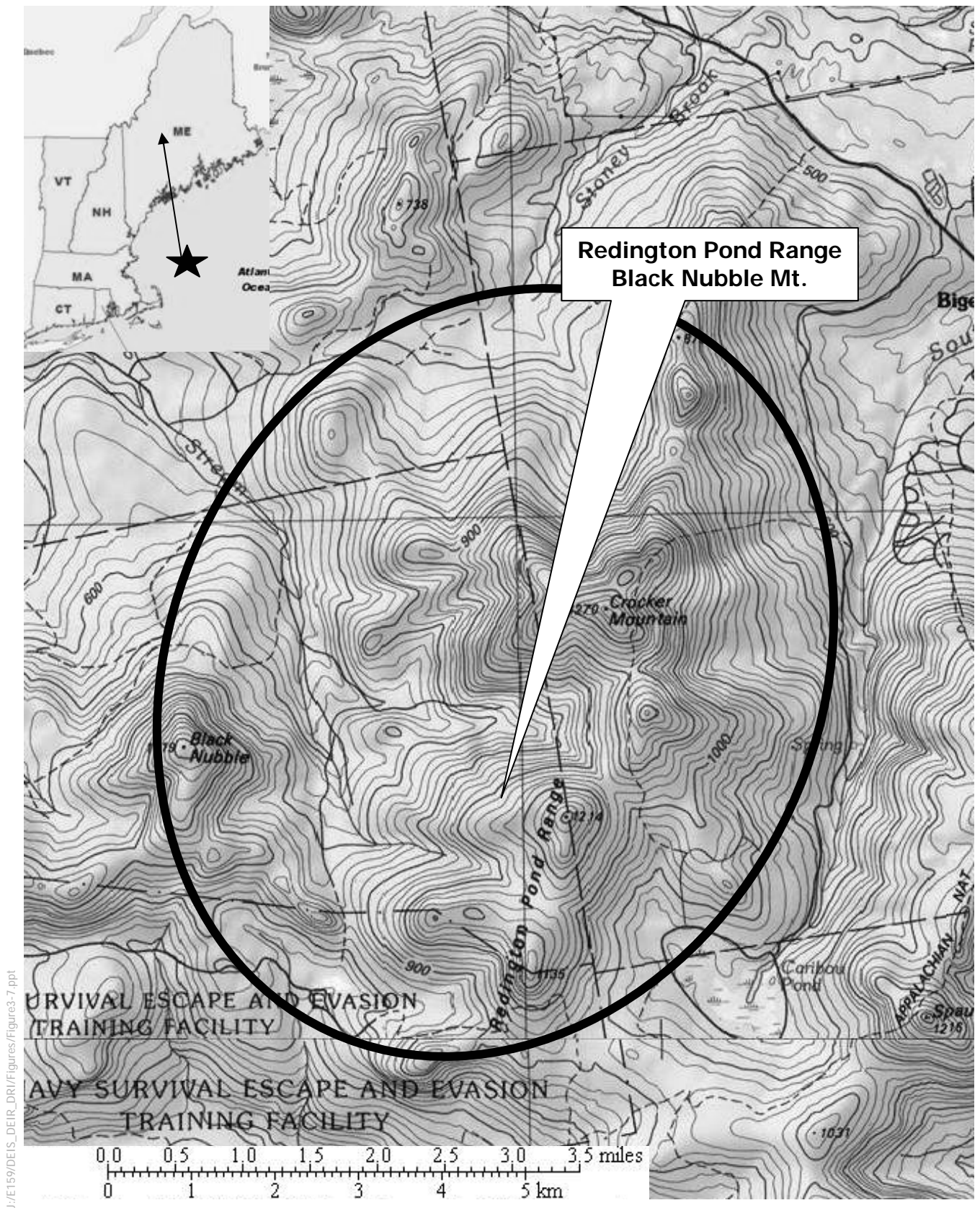
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on CD-
ROM – Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

**Upland Alternative:
Skinner/Kibby Township, Maine**

**Figure
3-6**



J:\ET159\DEIS_DEIR_DRI\Figures\Figure3-7.ppt



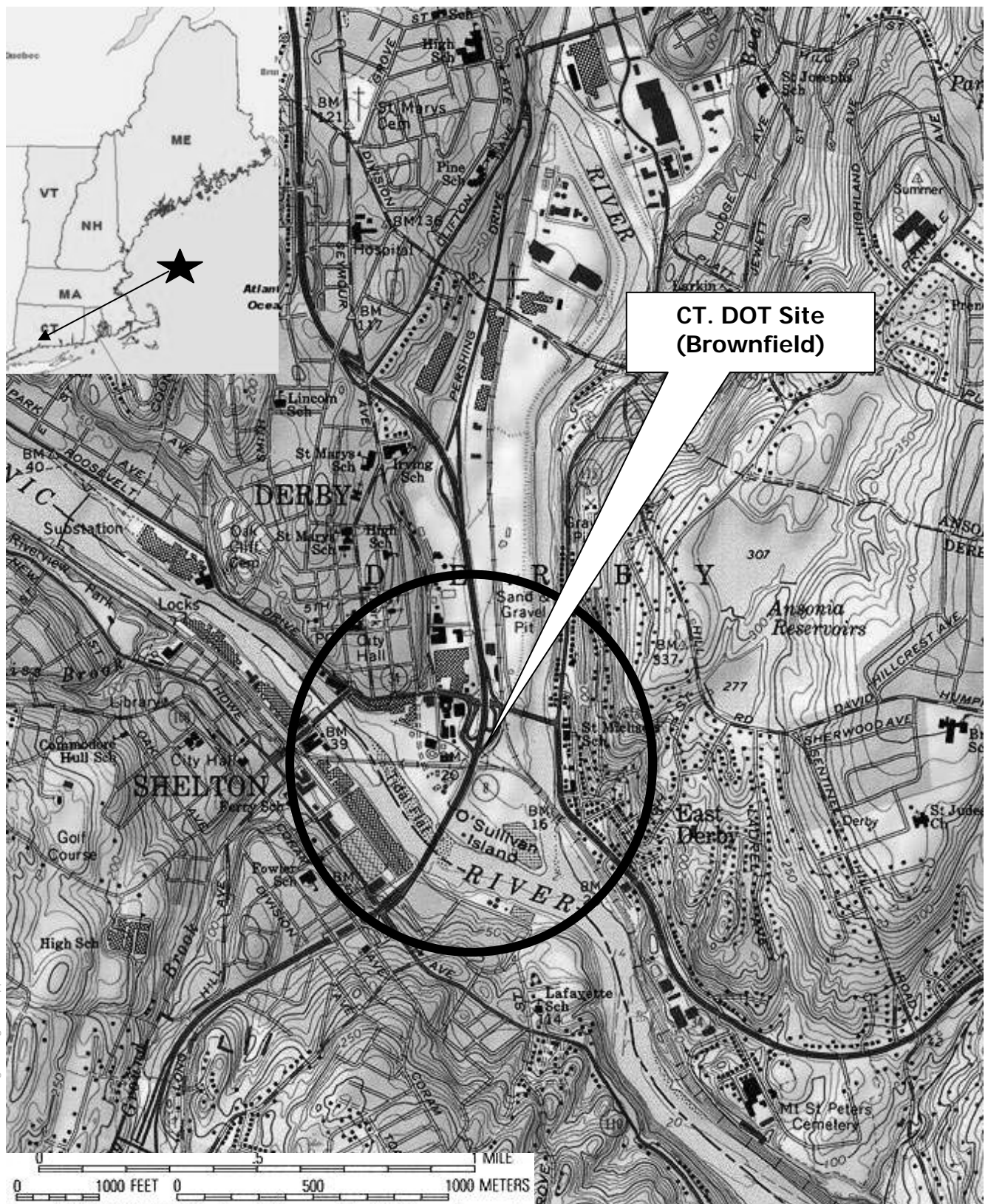
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on CD-
ROM - Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

Redington Pond Range
Black Nubble Mountain, Maine

Figure
3-7



J:\ET159\DEIS_DEIR_DRI\Figures\Figure3-8.ppt



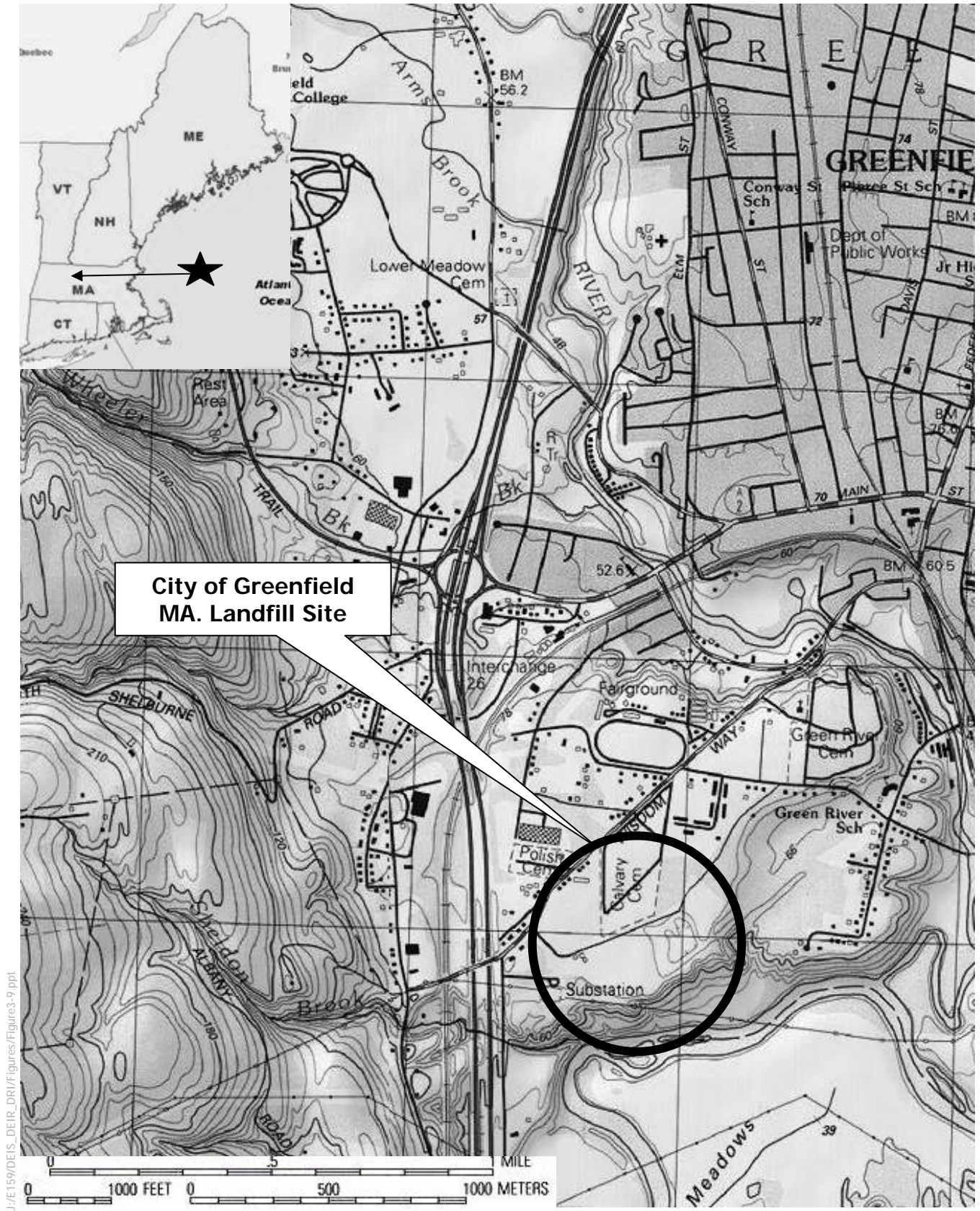
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on CD-
ROM – Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

Upland Alternative:
Connecticut Department of
Transportation Site Brownfield

Figure
3-8



J:\ET159\DEIS_DEIR_DRI\Figures\Figure3-9.ppt



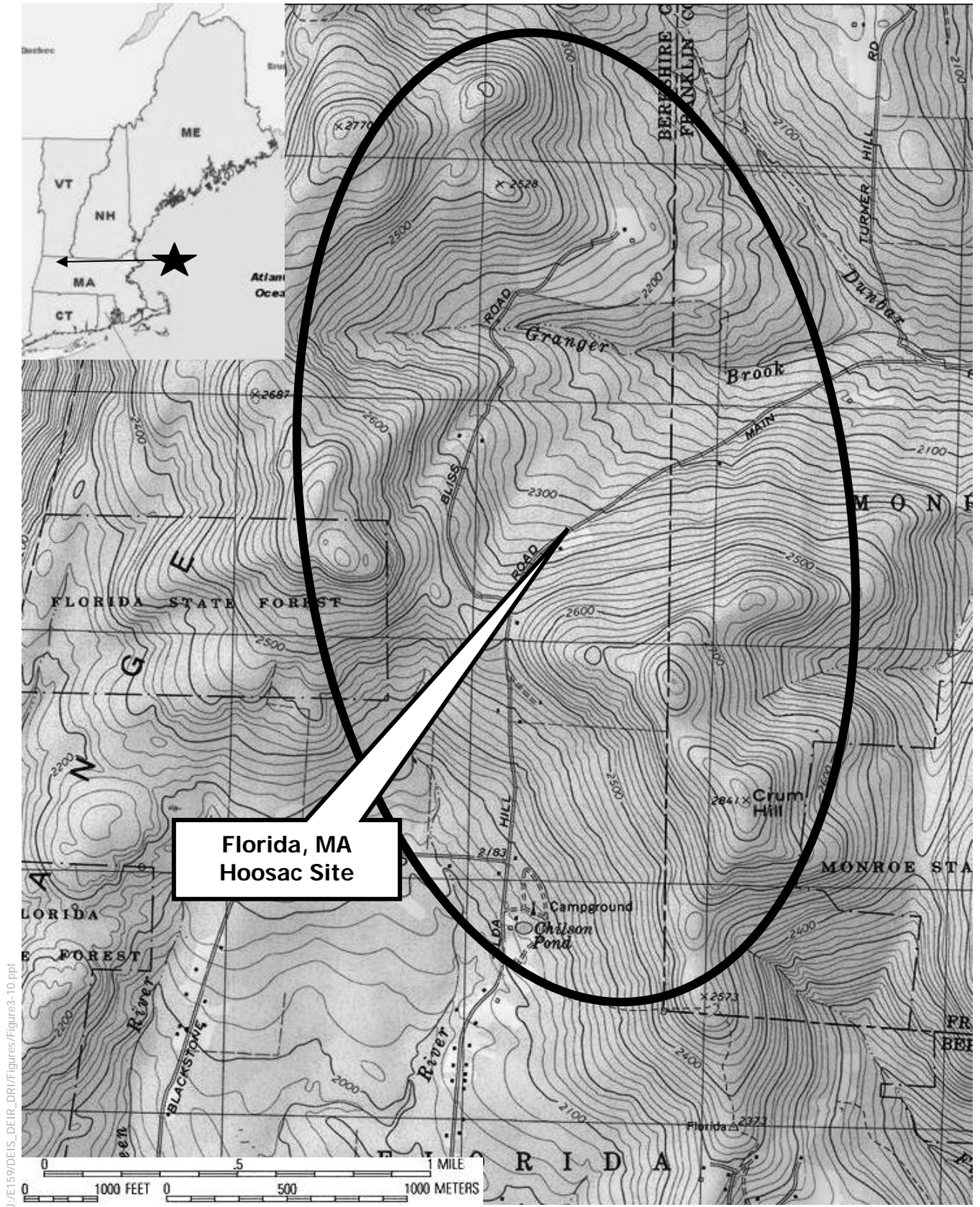
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on CD-ROM – Northeastern USA
Scale: As Shown
Copyright © ESS, Inc., 2004

**Upland Alternative:
City of Greenfield, Massachusetts
Landfill Site**

**Figure
3-9**



J:\ET159\DEIS_DEIR_DRI\Figures\Figure3-10.ppt



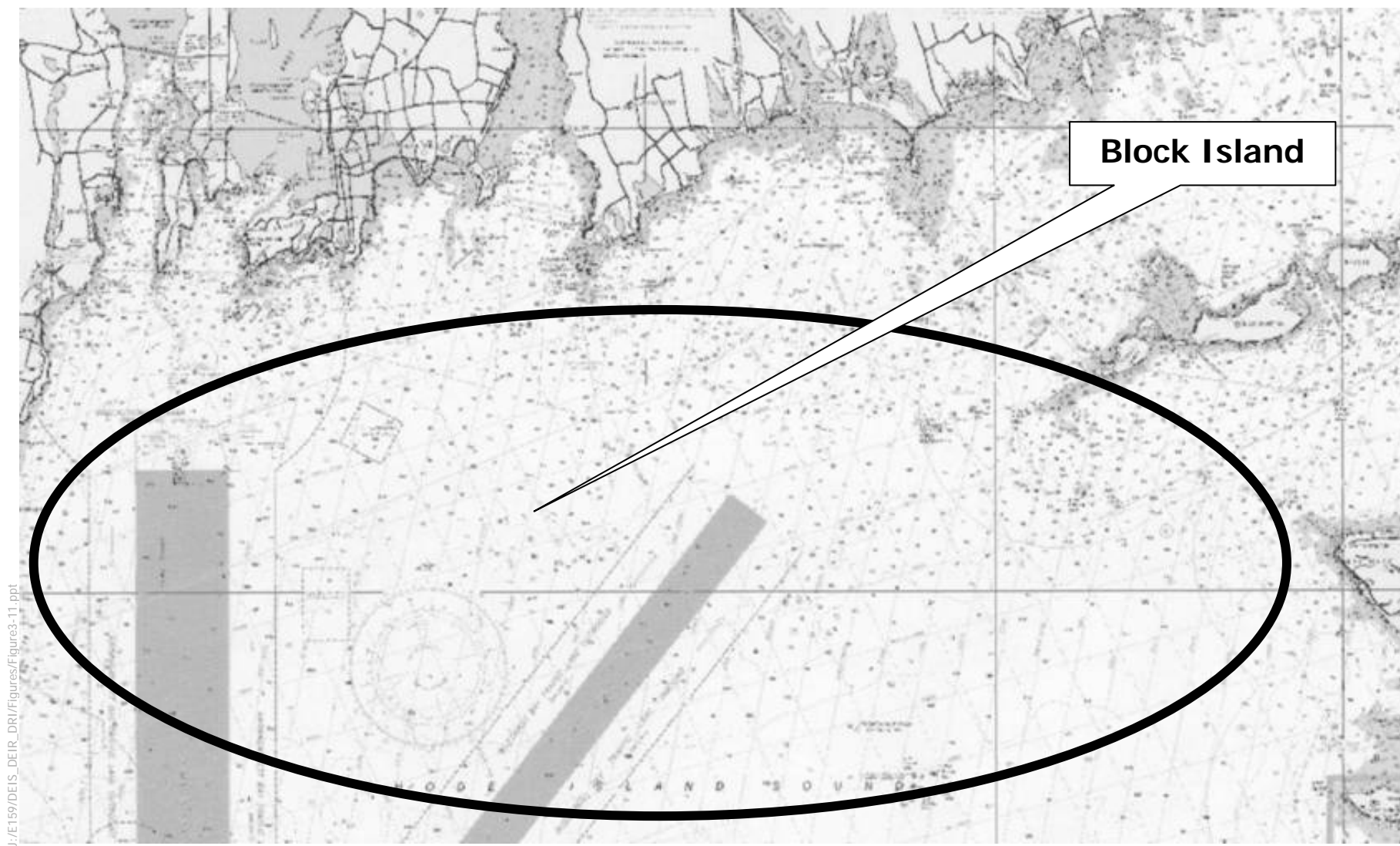
Engineers
Scientists
Consultants

Cape Wind Project

Source: USGS Topographic Maps on CD-ROM – Northeastern USA
Scale: As shown
Copyright © ESS, Inc., 2004

Upland Alternative:
Florida, Massachusetts
Hoosac Site

Figure
3-10



J:\E159\DEIS_DEIR_DRI\Figures\Figure3-11.ppt



Engineers
Scientists
Consultants

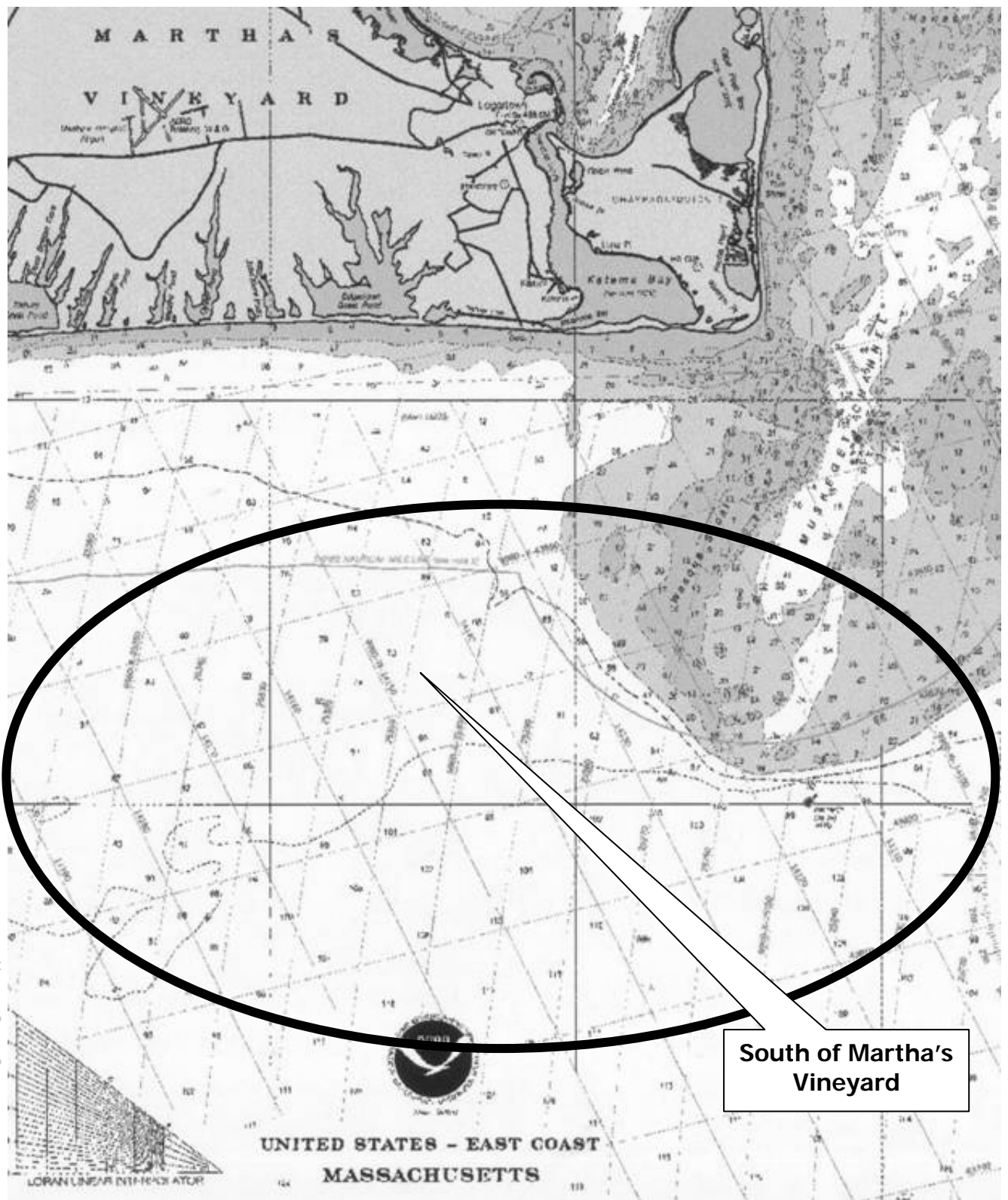
Cape Wind Project

Source: NOAA Chart # 13218 Martha's Vineyard to Block Island
Scale: Not to Scale
Copyright © ESS, Inc., 2004

**Offshore Alternative:
Block Island, Rhode Island**

**Figure
3-11**

J:\E159\DEIS_DEIR_DRI\Figures\Figure3-12.ppt



Engineers
Scientists
Consultants

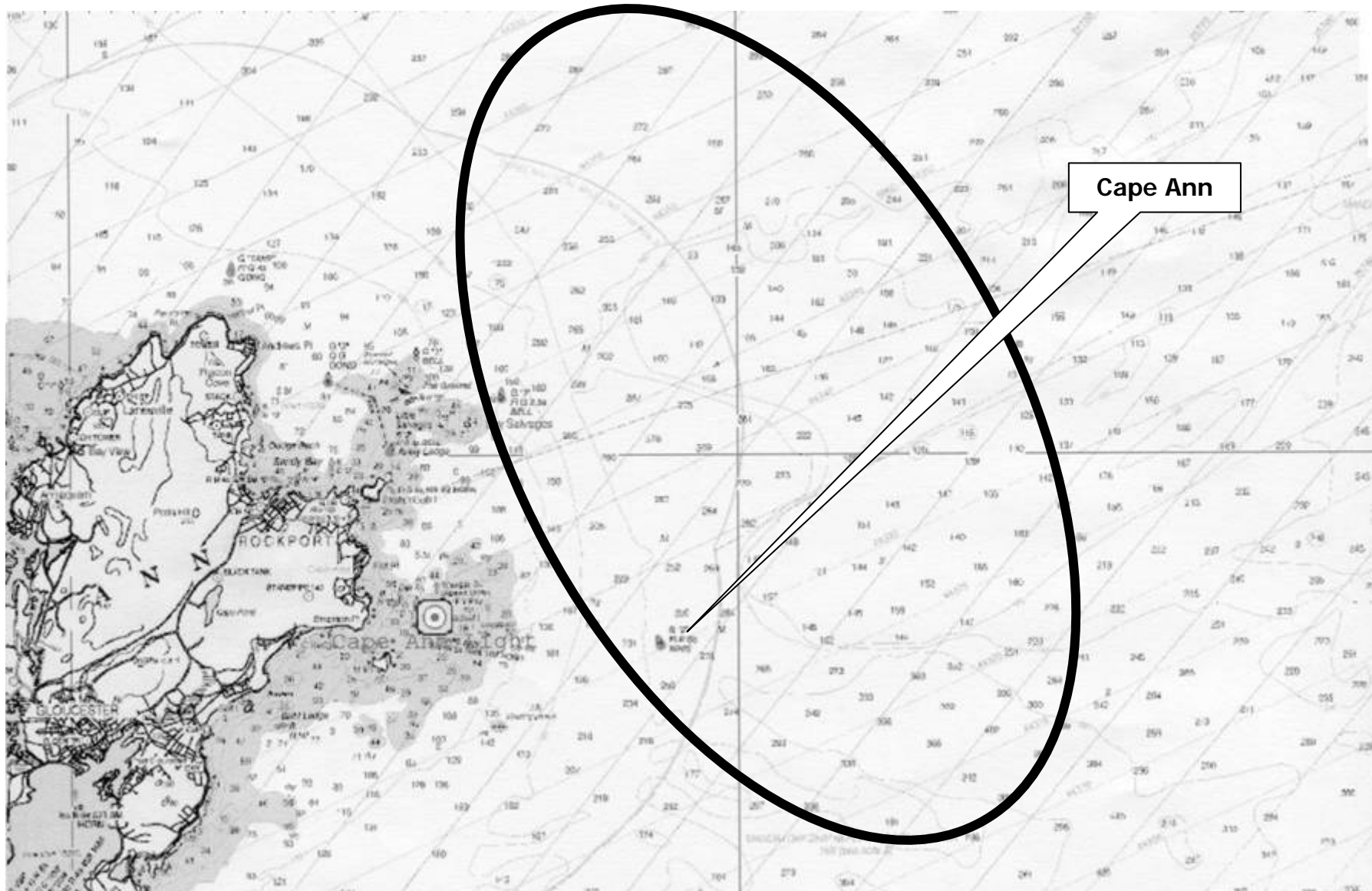
Cape Wind Project

Source: NOAA Chart # 13237 Nantucket
Sound and Approaches
Scale: Not to Scale
Copyright © ESS, Inc., 2004

Offshore Alternative:
Martha's Vineyard, Massachusetts

Figure
3-12

J:/E159/DEIS_DEIR/DR/figures3-13.ppt



Engineers
Scientists
Consultants

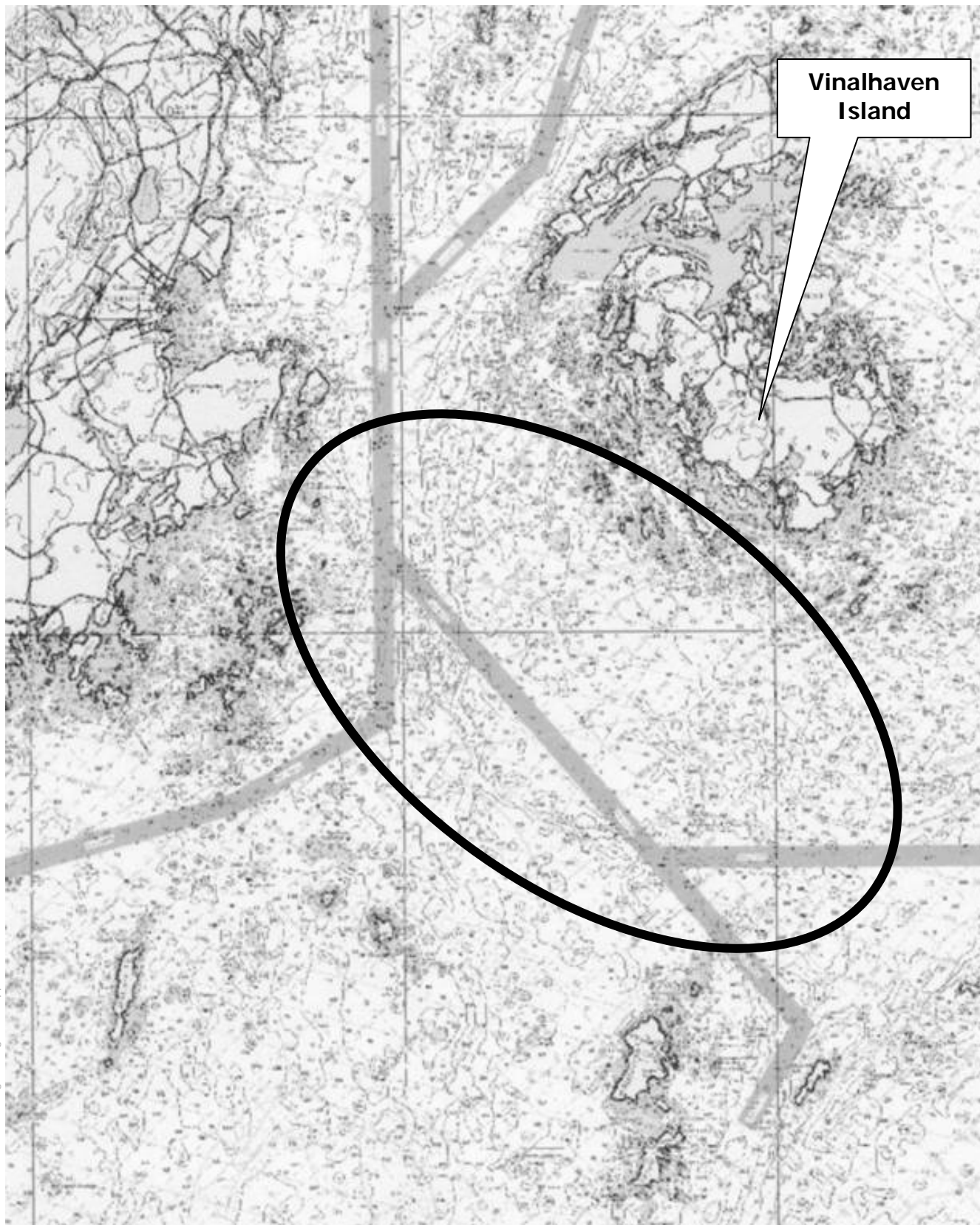
Cape Wind Project

Source: NOAA Chart # 13278 Portsmouth to Cape Ann NH-MA-ME
Scale: Not to Scale
Copyright © ESS, Inc., 2004

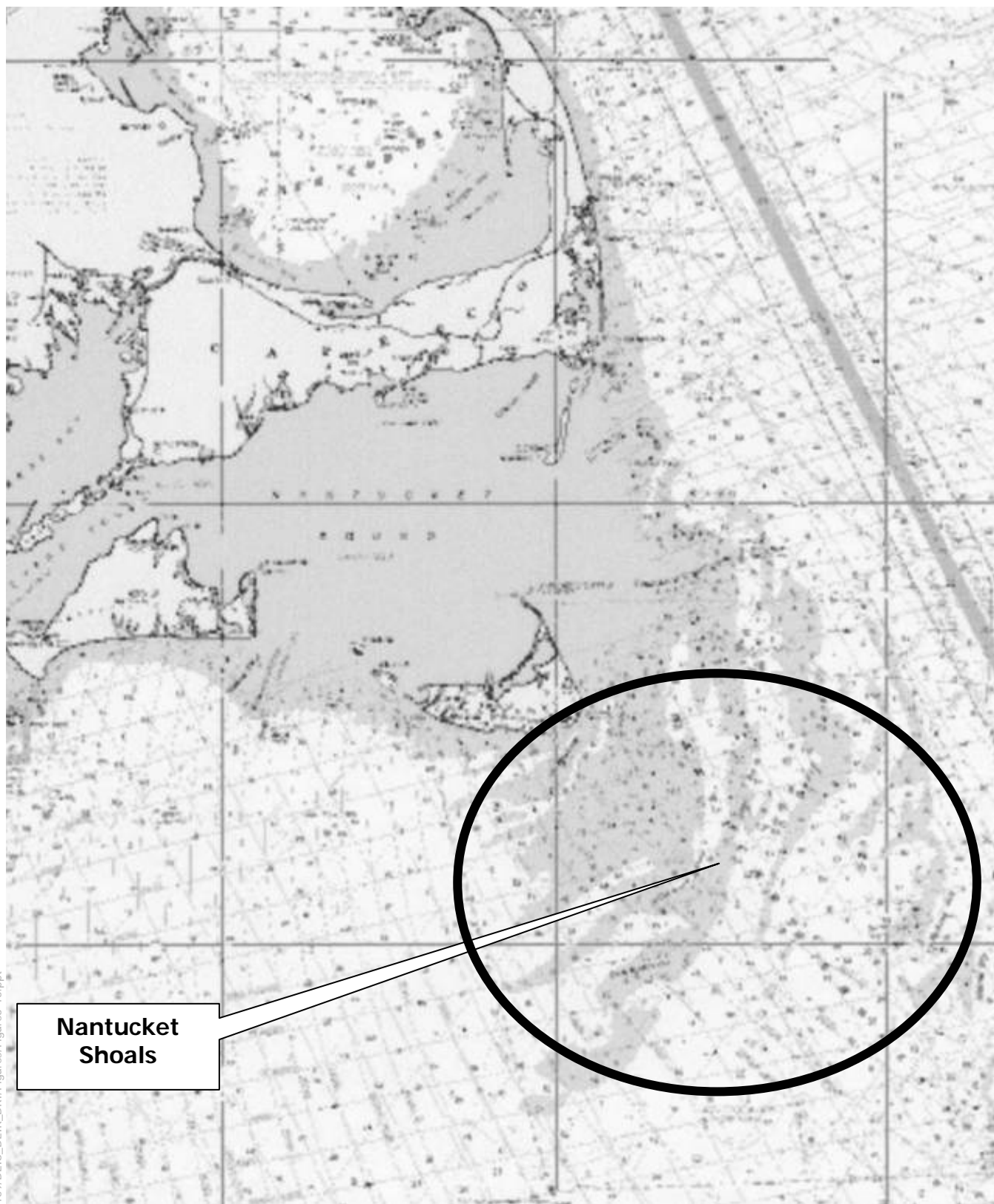
**Offshore Alternative:
Cape Ann, Massachusetts**

**Figure
3-13**

J:/E159/DEIS_DEIR_DRI/Figures/Figure3-14.ppt



J:\E159\DEIS_DEIR_DRI\Figures\Figure3-15.ppt



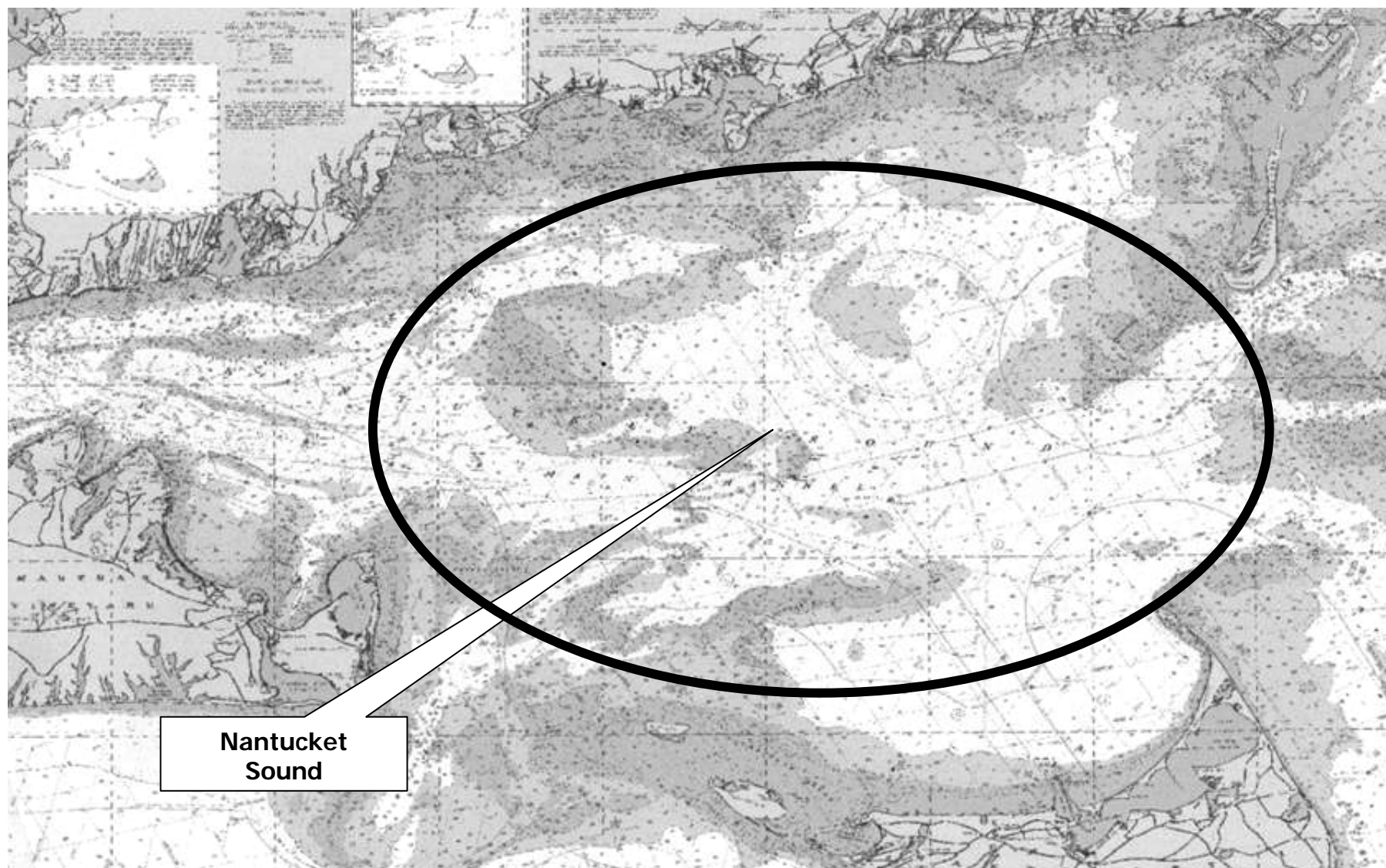
Engineers
Scientists
Consultants

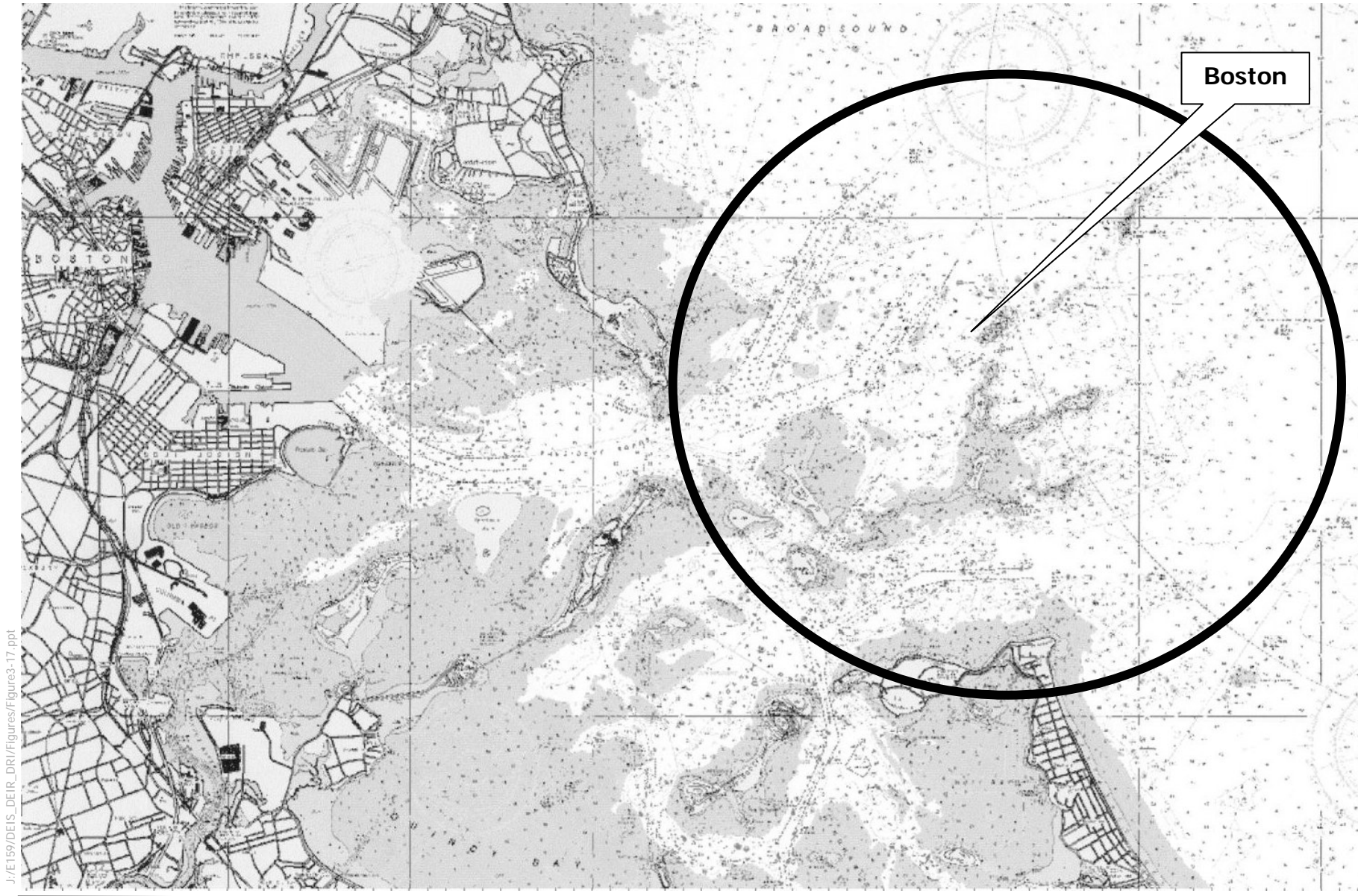
Cape Wind Project

Source: NOAA Chart # 13200 Georges
Bank and Nantucket Shoals
Scale: Not to Scale
Copyright © ESS, Inc., 2004

**Offshore Alternative:
Nantucket Shoals, Massachusetts**

**Figure
3-15**





J:/E159/DEIS_DEIR_DRI/Figures/Figure3-17.ppt



Engineers
Scientists
Consultants

Cape Wind Project

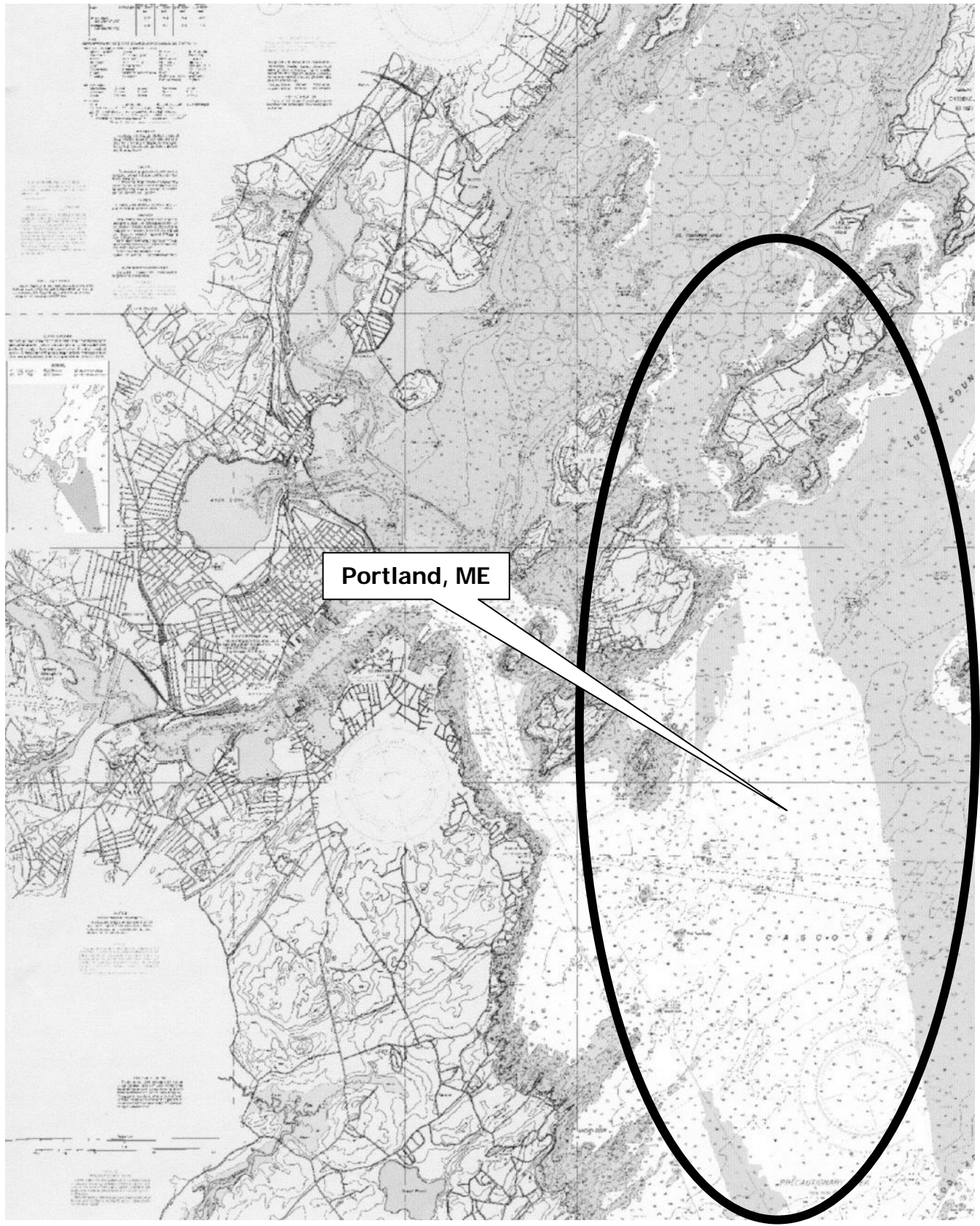
Source: NOAA Chart #13270_1 Boston Harbor MA
Scale: Not to Scale
Copyright © ESS, Inc., 2004

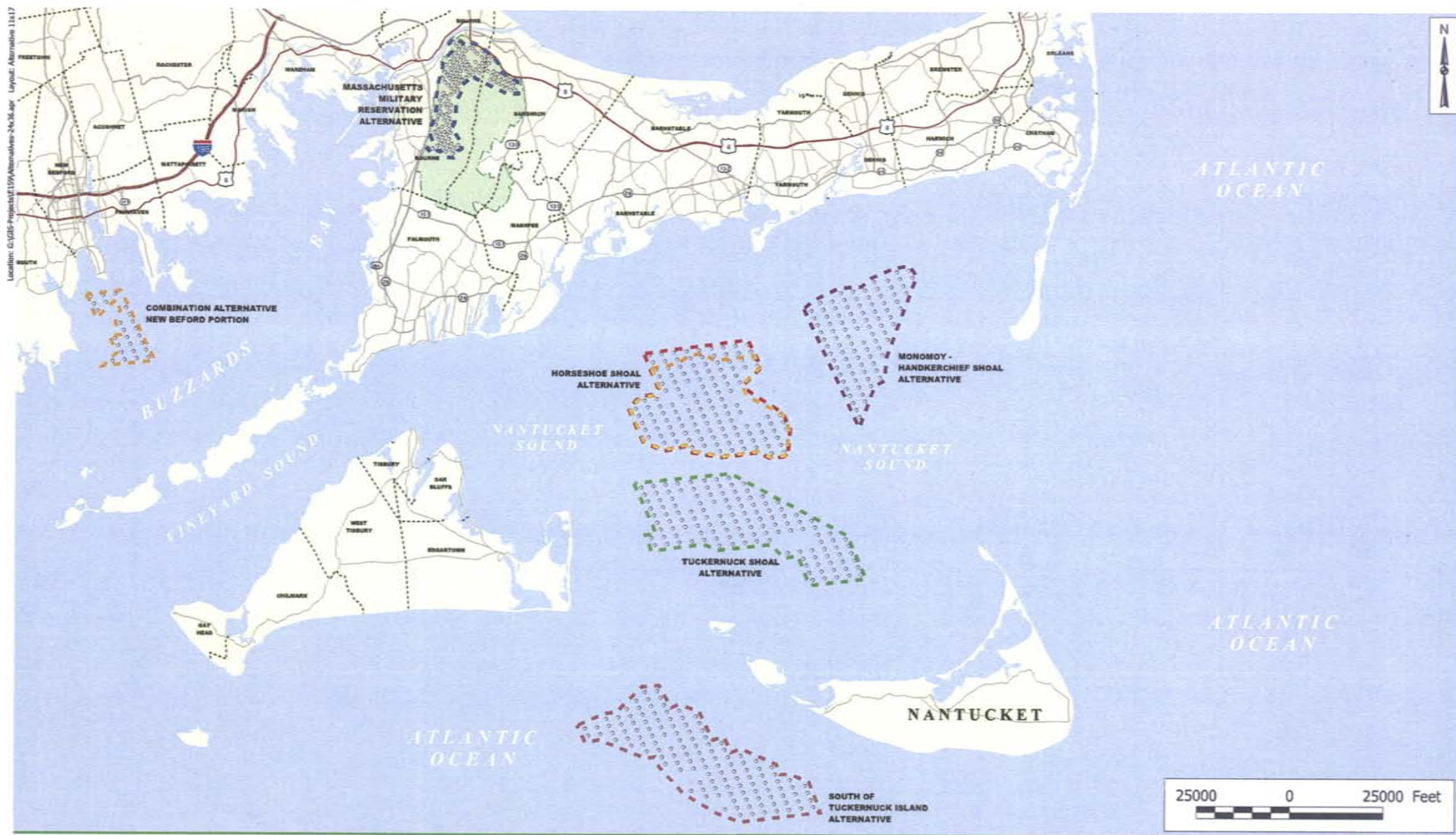
Offshore Alternative:
Boston Harbor

Figure
3-17



J:\E159\DEIS_DEIR_DRI\Figures\Figure3-19.ppt



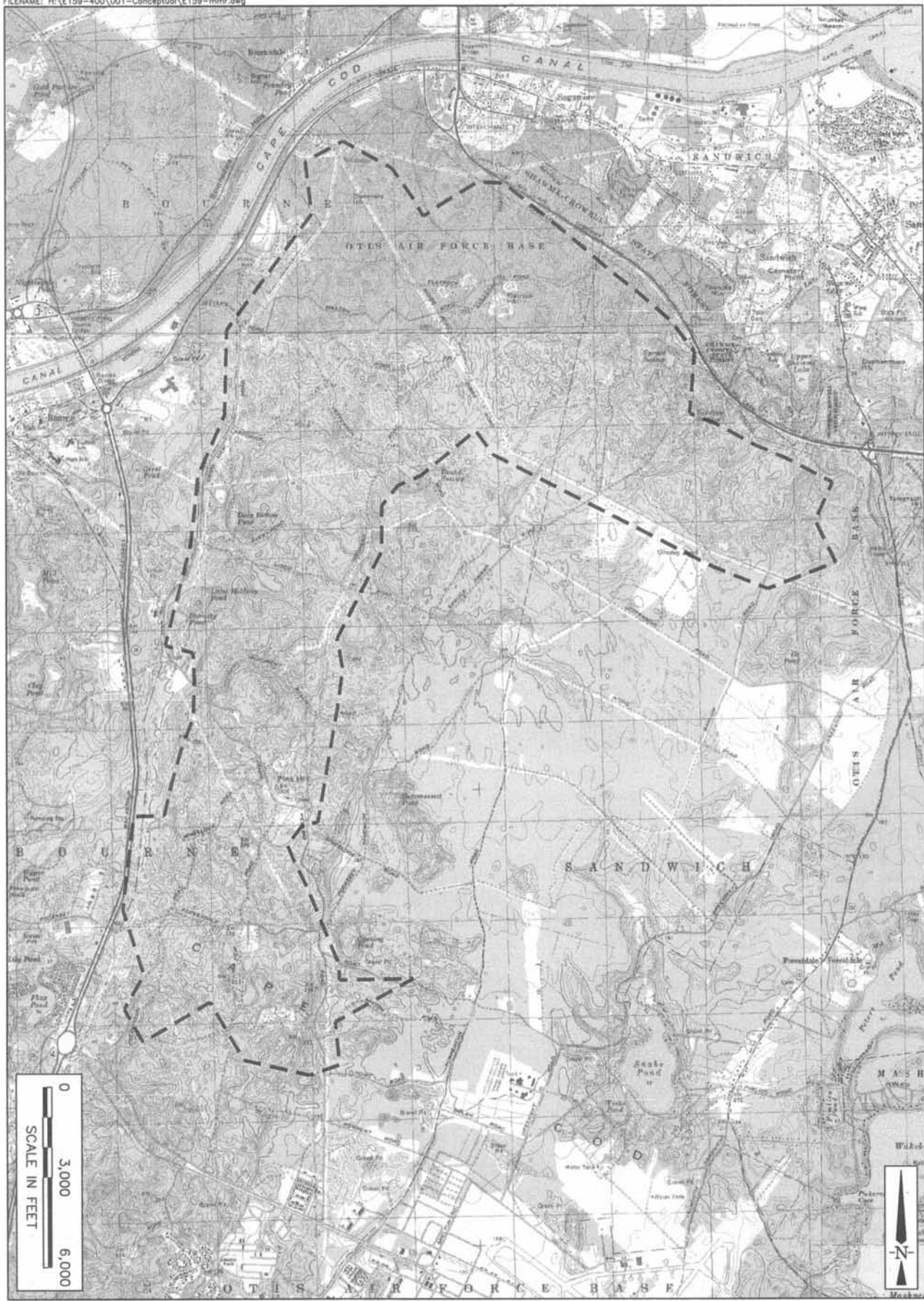


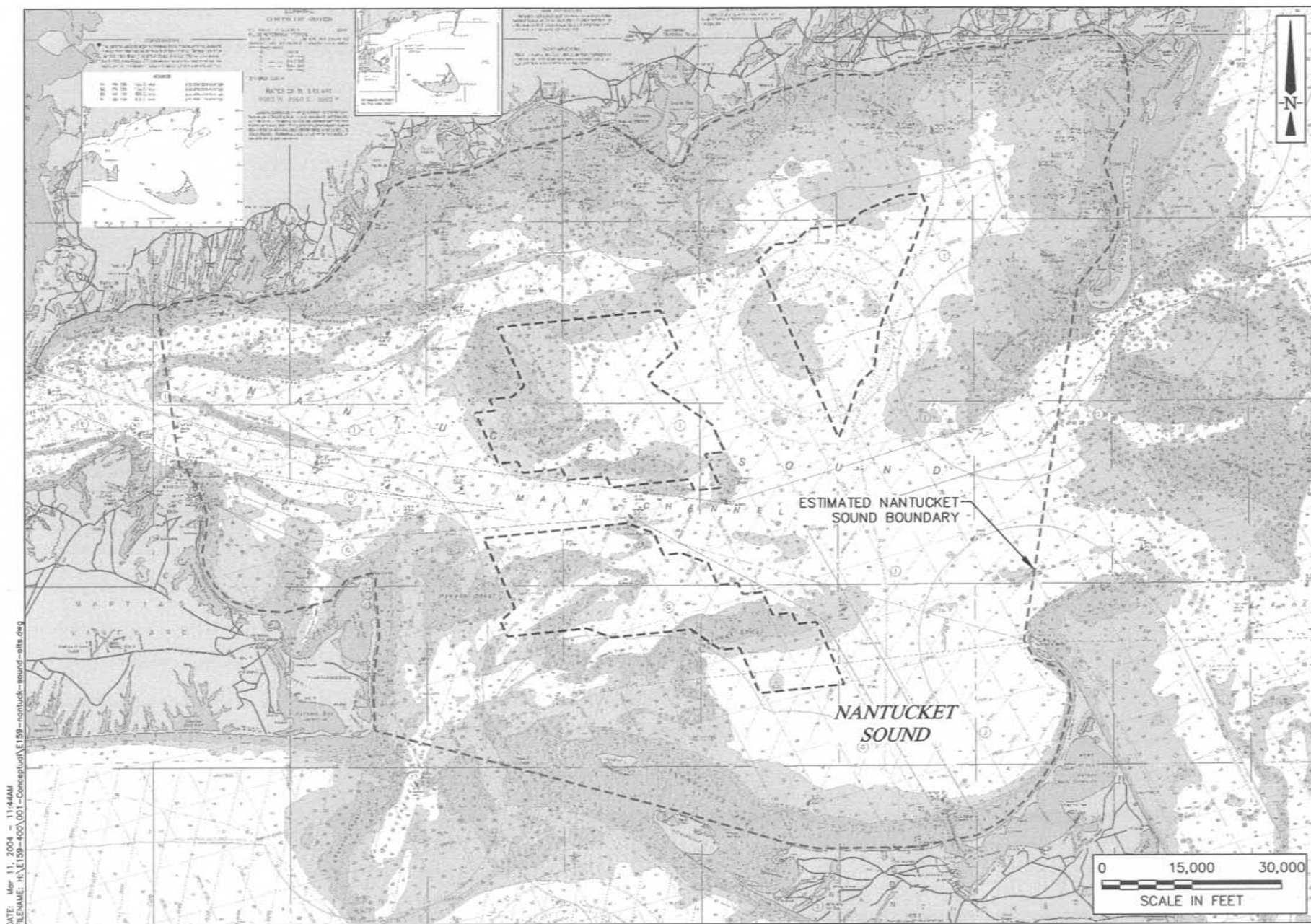
CAPE WIND PROJECT
Southeastern Massachusetts

Scale: 1" = 25,000'

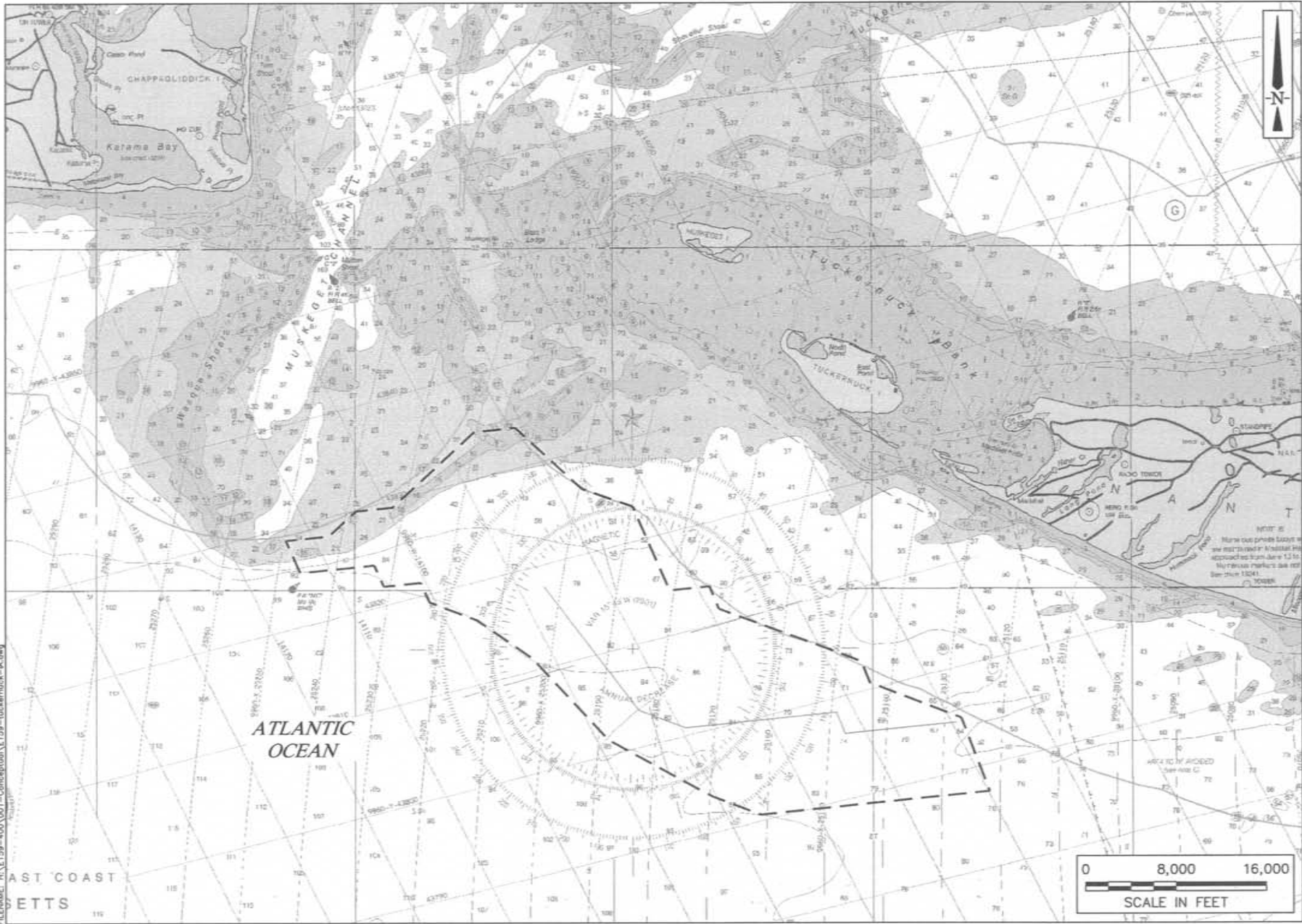
Source: 1) MassGIS, Town Boundaries, 2002
2) MassGIS, PHD Roads, 2002
3) EIS, Offshore Alternatives, 2003

Overview of Representative
Alternative Sites

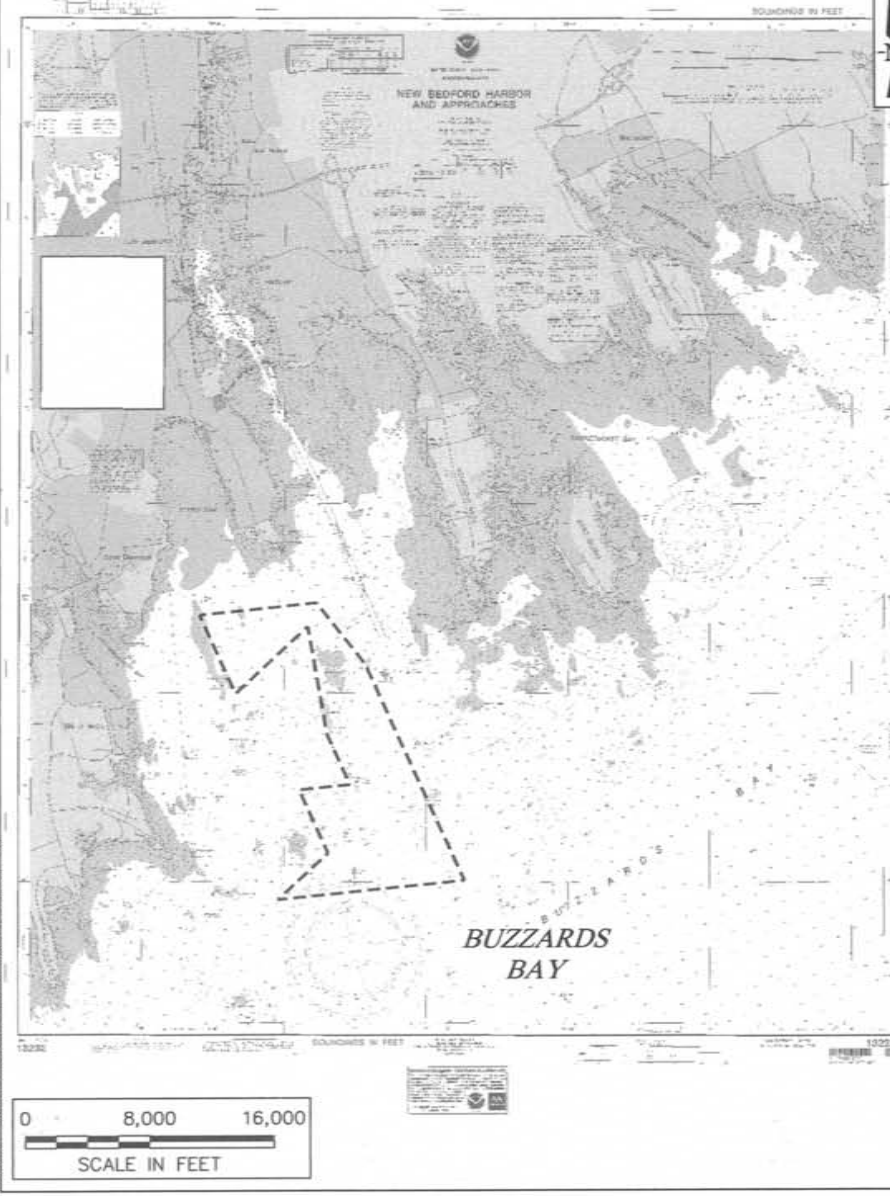




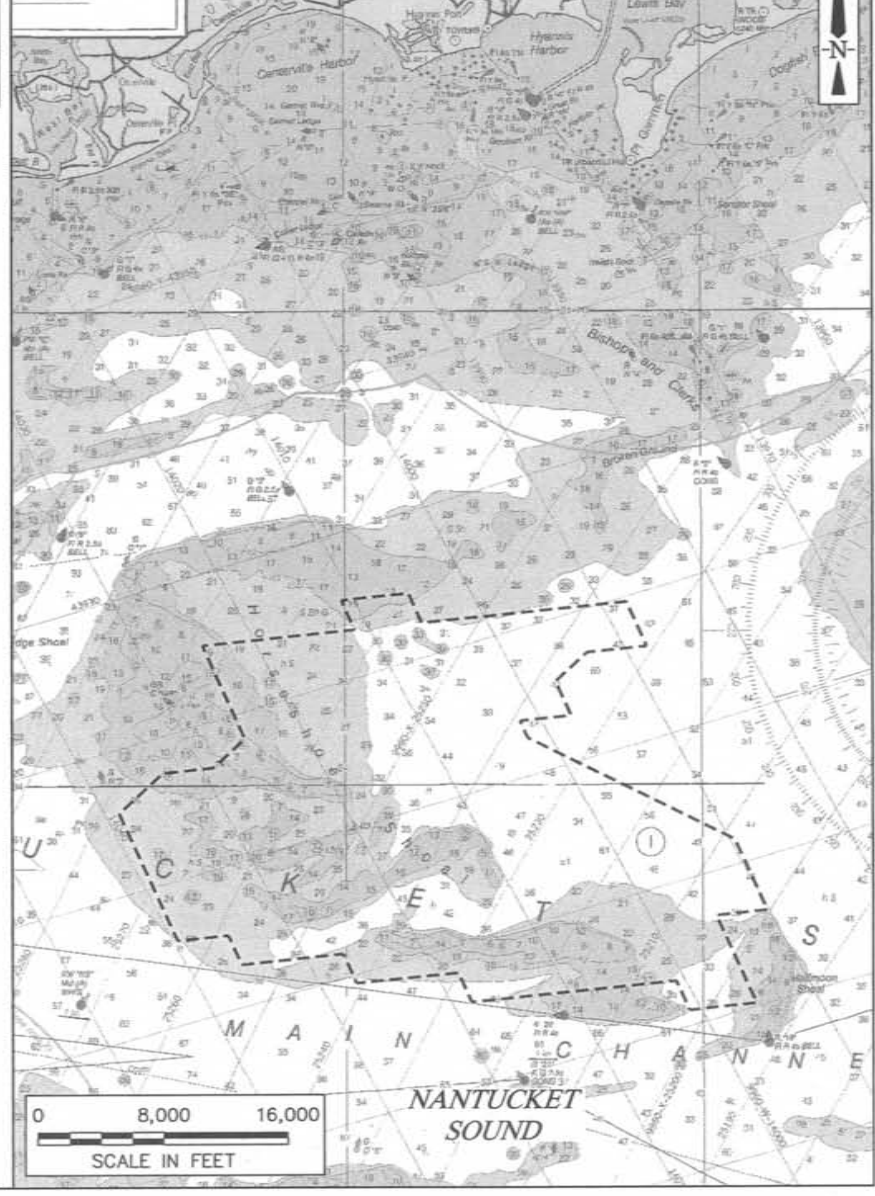
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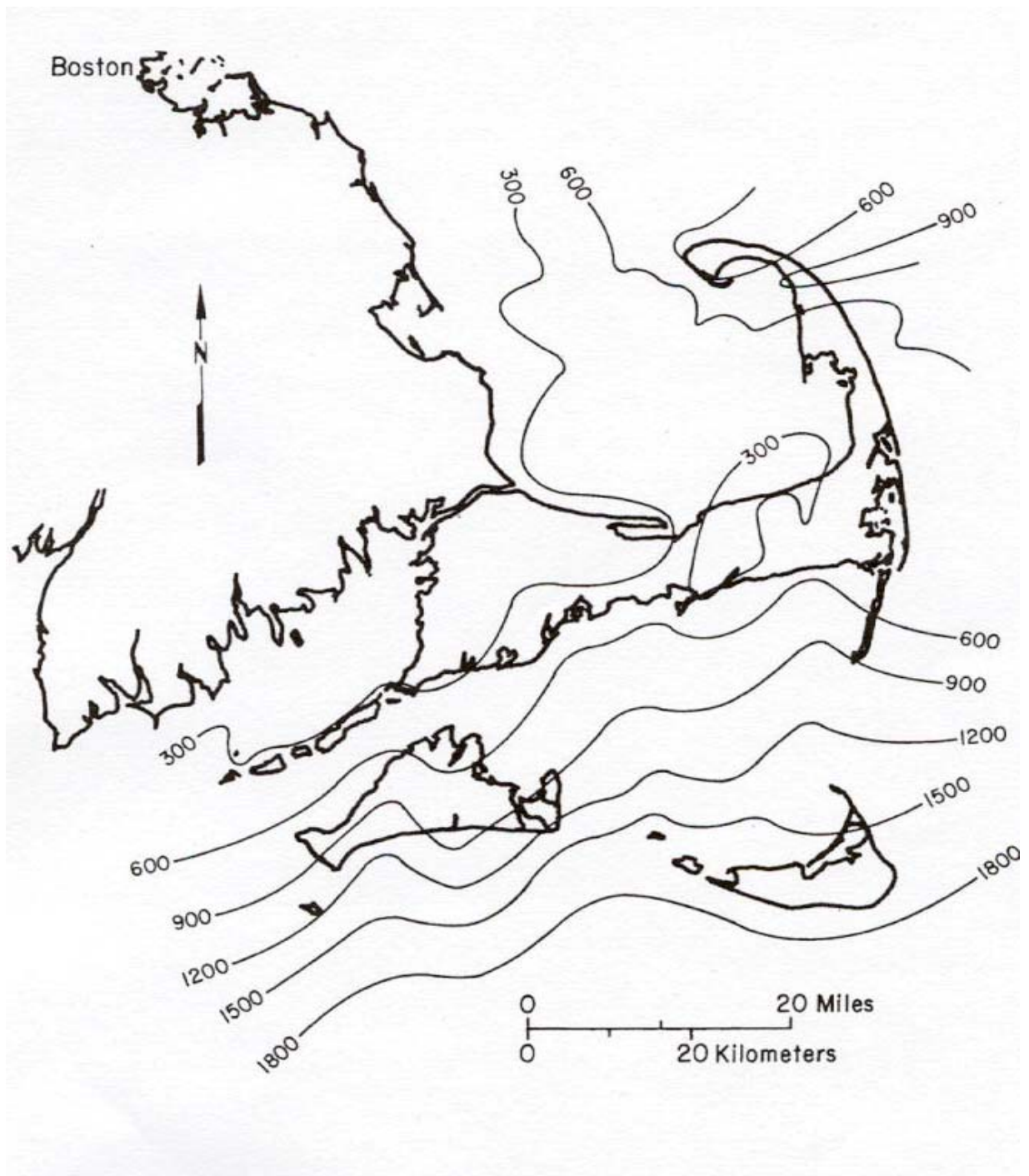


NEW BEDFORD/BUZZARDS BAY



HORSESHOE SHOAL



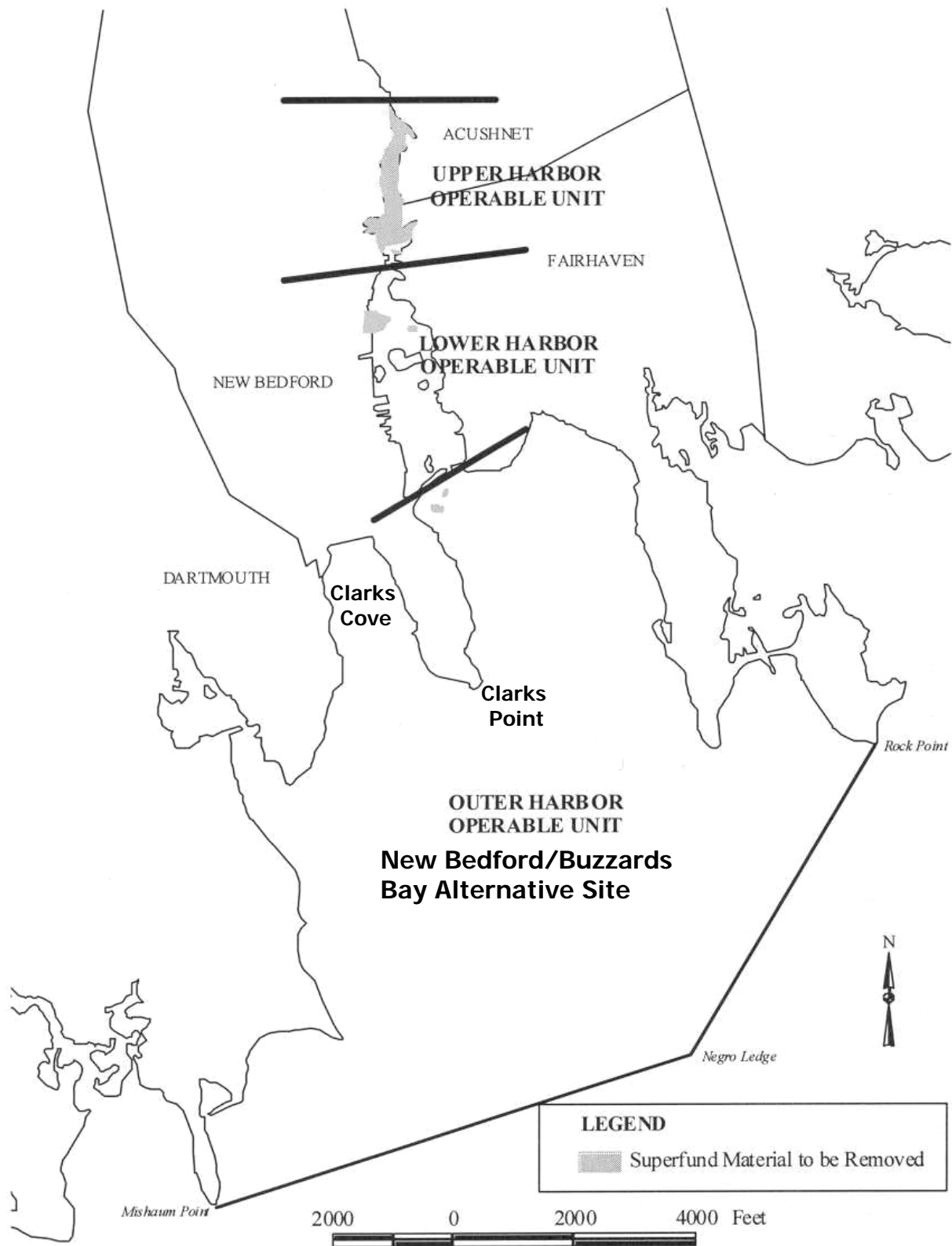


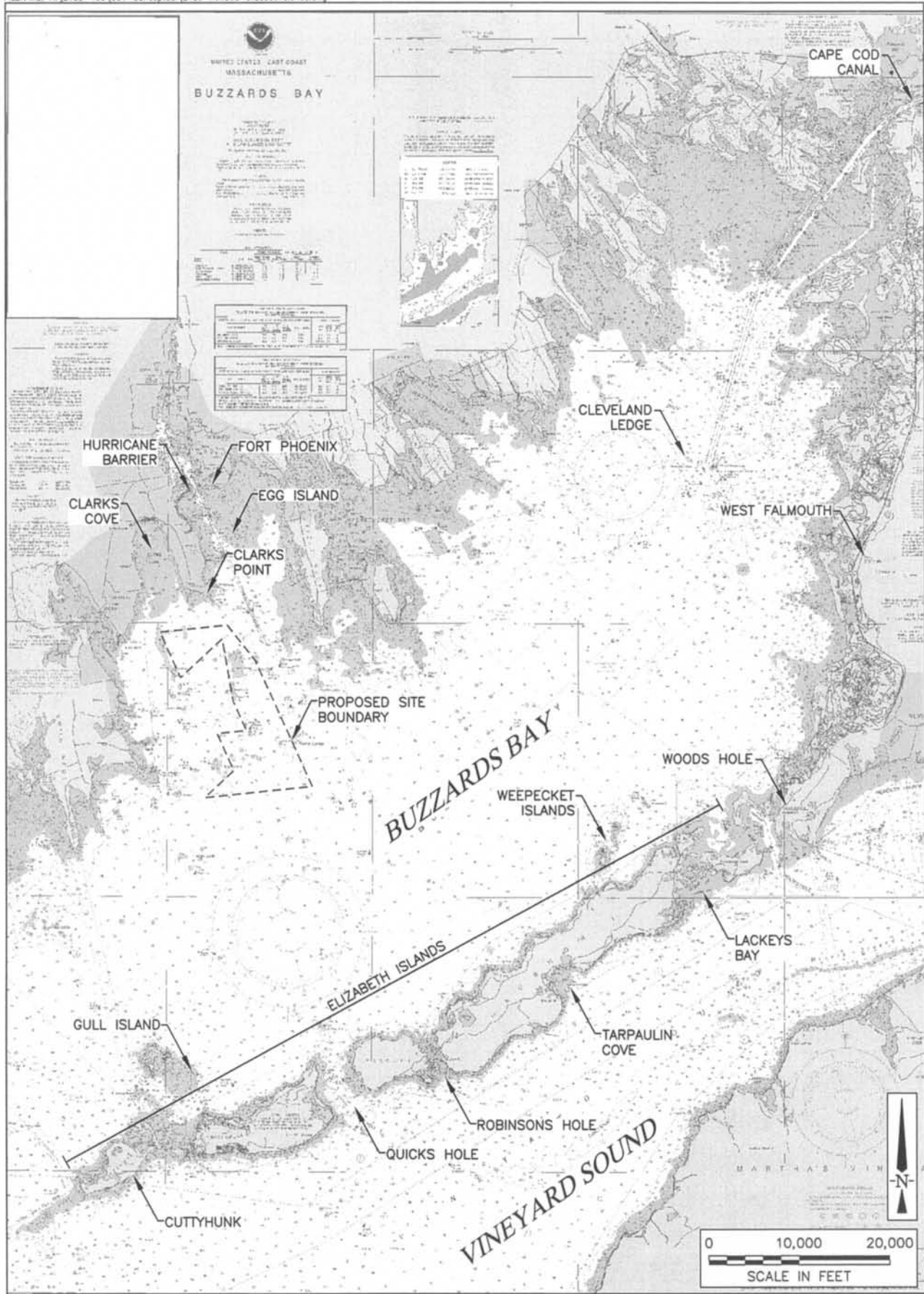
Cape Wind Project

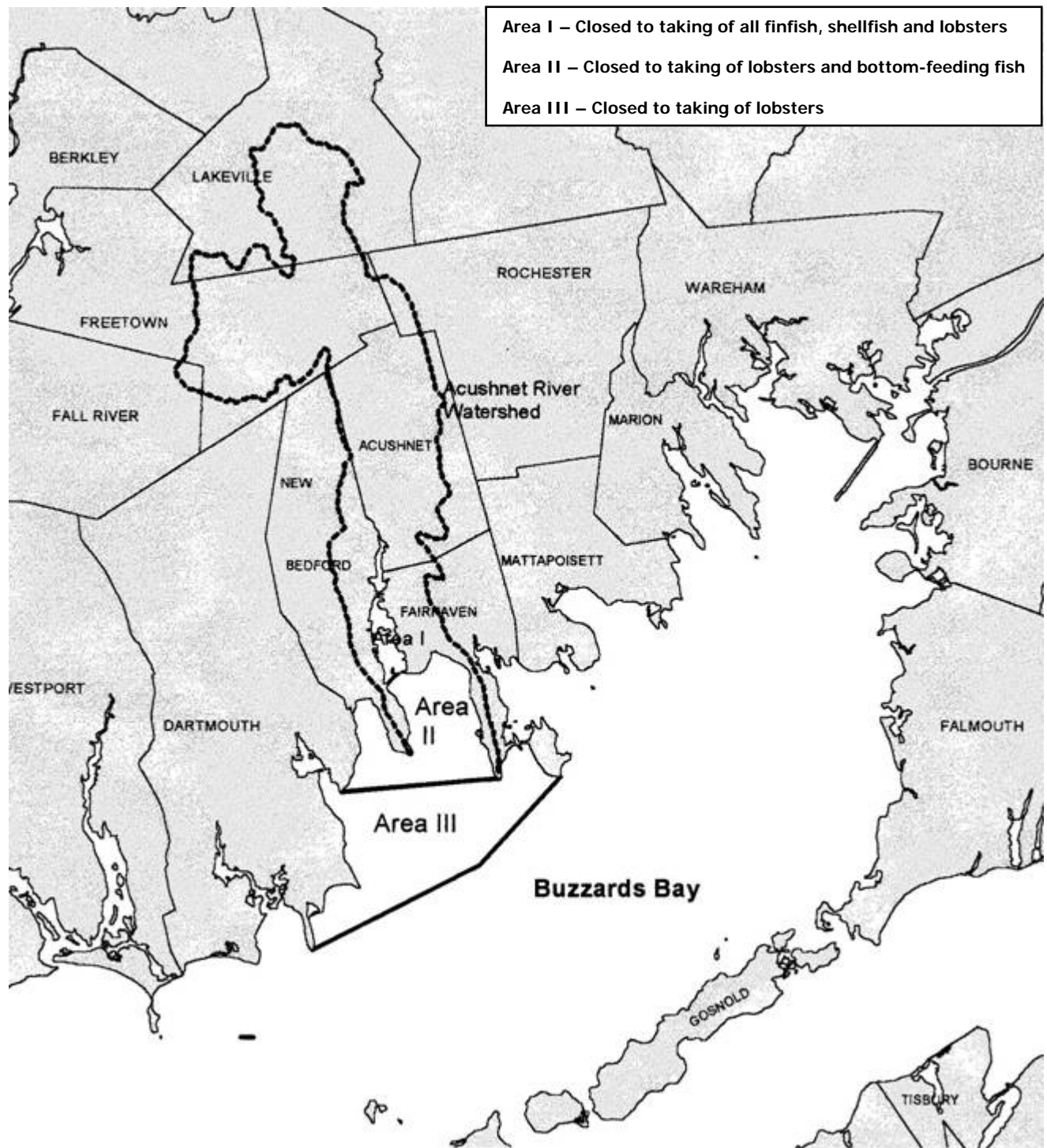
Depth to Top of Bedrock

Source: Oldale, 2001 Contour Interval = 300 feet
Scale: as shown

Figure
3-25





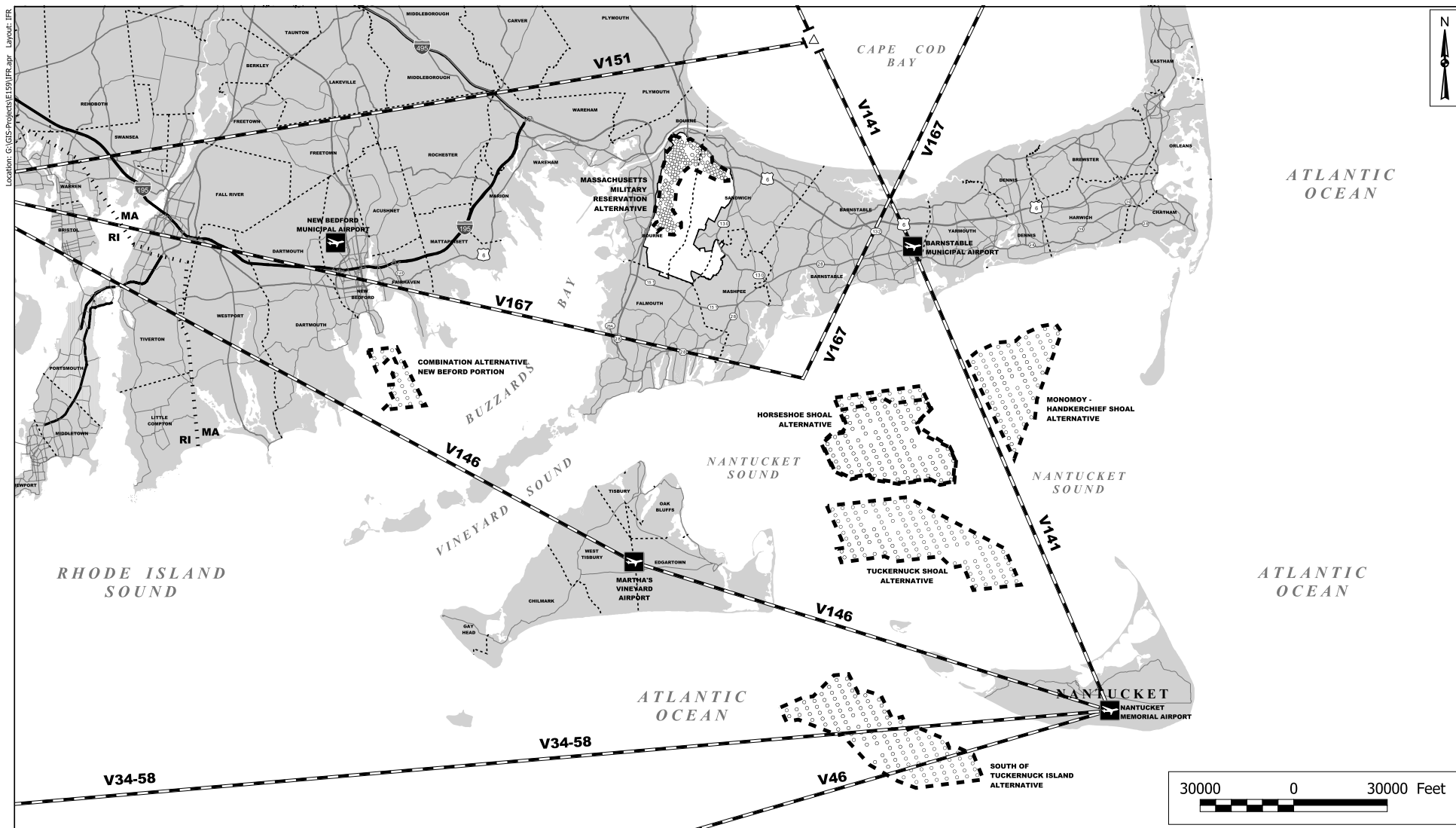


Cape Wind Project

New Bedford Harbor – Commercial and
Recreational Fishing Closure Areas

Source: New Bedford Harbor Trustee Council, 1998
Scale: Not to scale

Figure
3-28



CAPE WIND PROJECT
Southeastern Massachusetts

Scale: 1" = 30,000'

Source: 1) MassGIS, Town Boundaries, 2002
2) MassGIS, MHD Roads, 2002 3) ESS, Airports, 2004
4) ESS, Offshore Alternatives, 2003
5) U.S. Government Flight Information Publication, 01-25-2001
6) RIGIS, Town Boundaries, 1997 7) RIGIS, Primary Roads, 1992

LEGEND	
	Airport
	Turbine Location
	Change in Direction
	IFR Route
	Interstate
	Wind Farm Alternative
	State Boundaries
	Major Roads
	Town Boundaries
	MMR Boundary

FAA - Instrument Flight Rule
(IFR) Routes

Figure
3-29

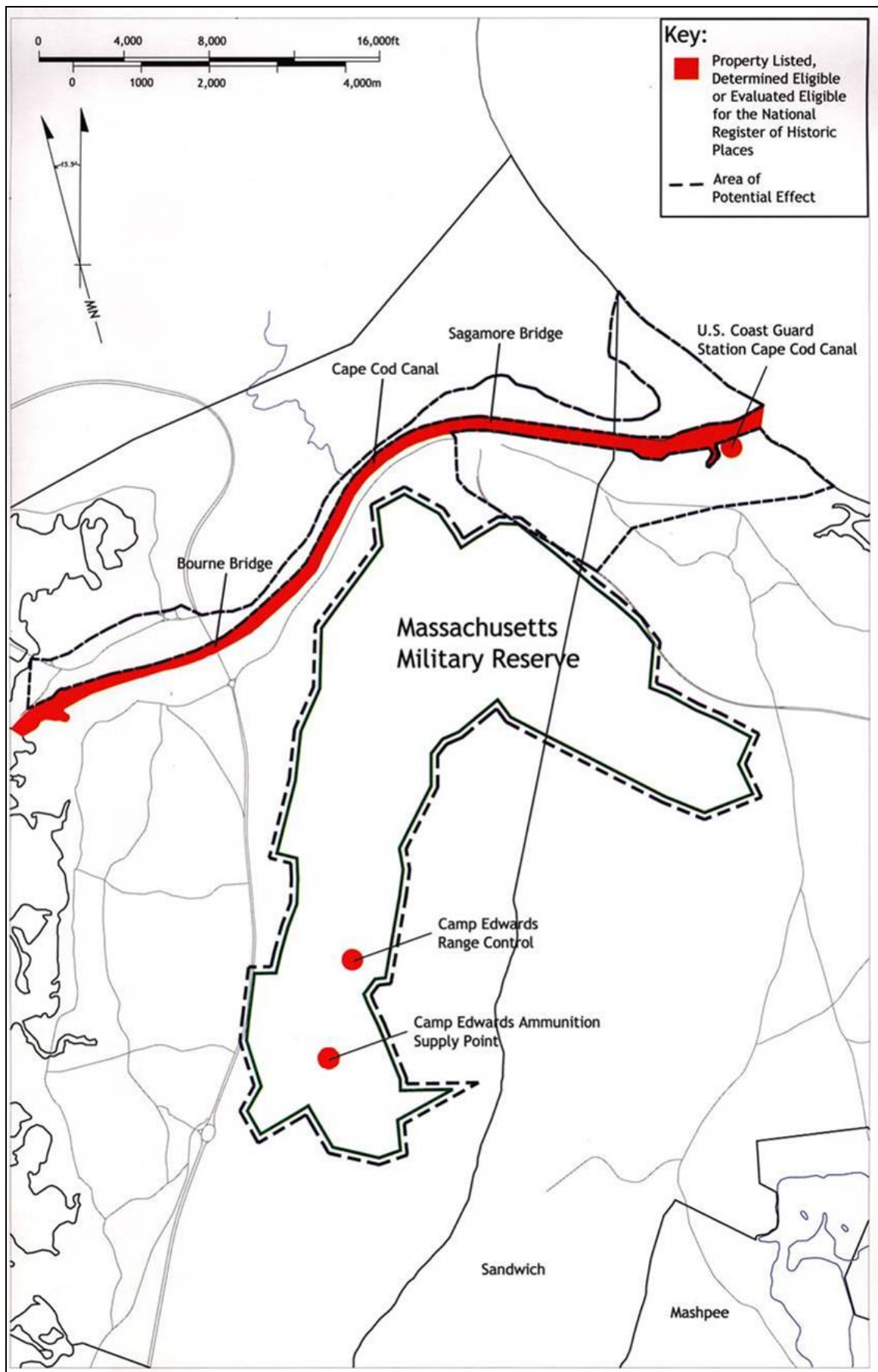
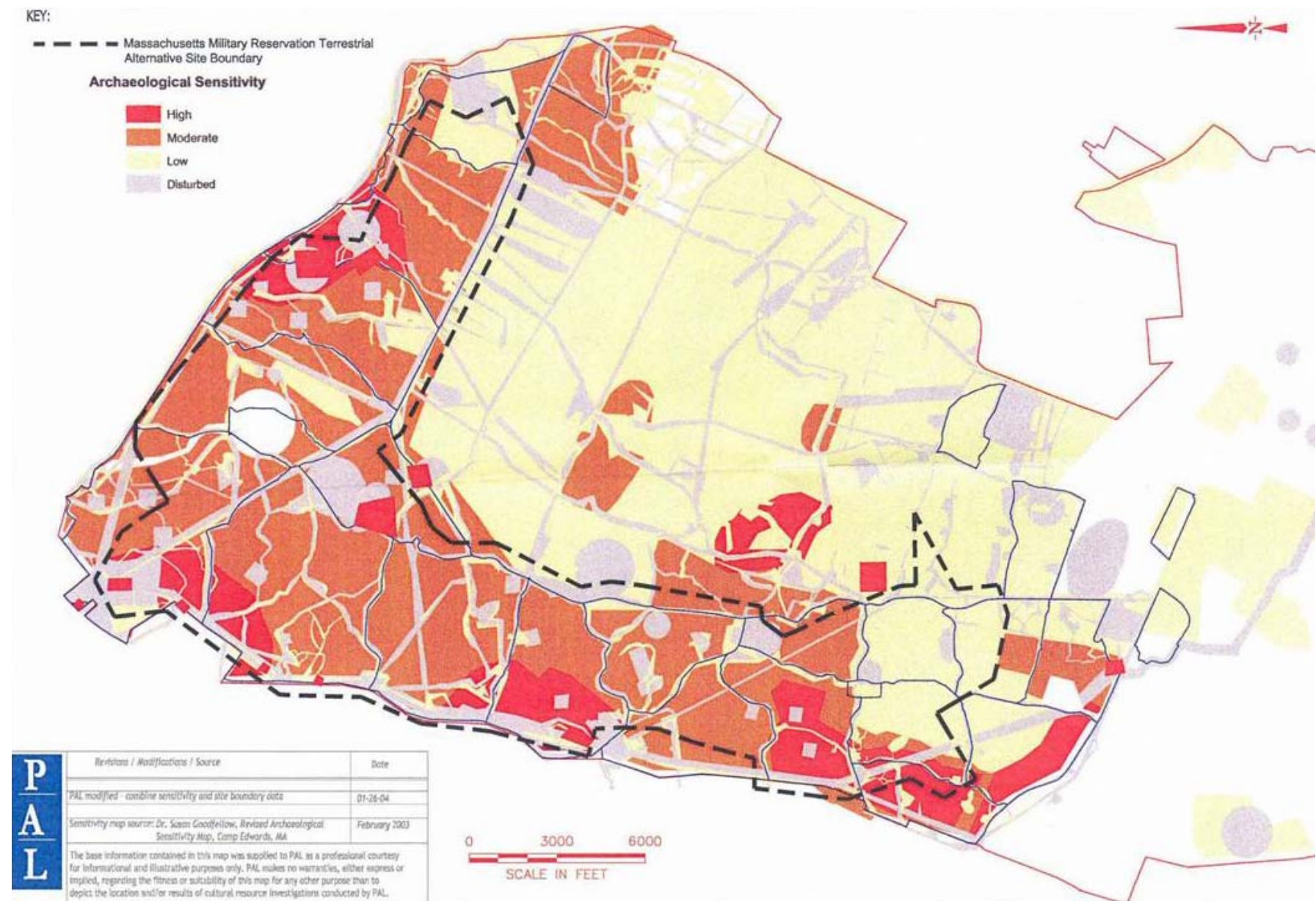


Figure 3-30. Location of Properties Listed, Determined Eligible, or Evaluated Eligible for the National Register of Historic Places within the viewshed of the Massachusetts Military Reservation Alternative Site. (Includes properties that are within 300 feet of the shoreline and within view of the project alternative).



Cape Wind Project

Massachusetts Military Reserve Terrestrial Alternative Site Boundary

Source: Public Archaeology Laboratory, Inc.
Scale: See above

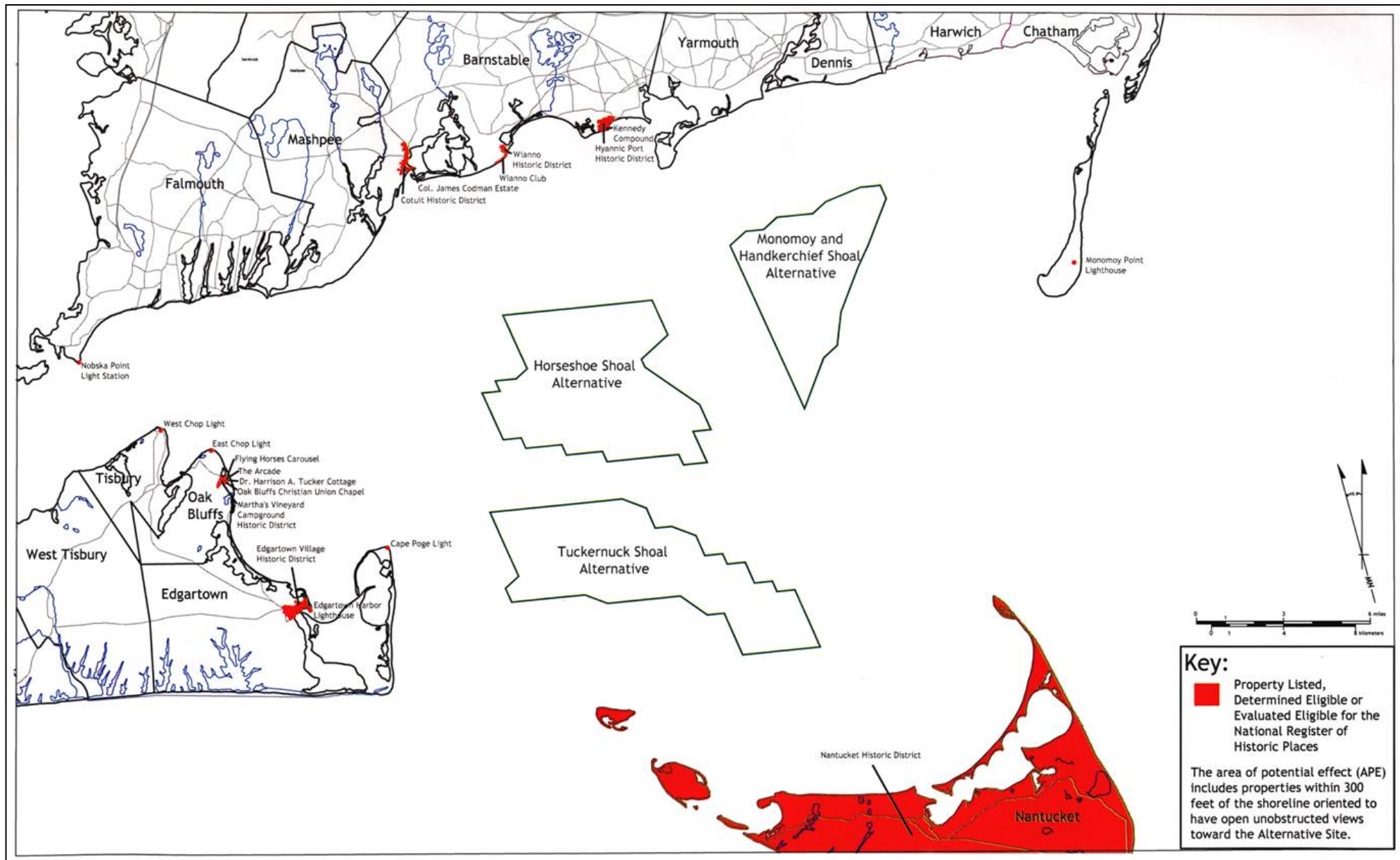


Figure 3-32. Location of Properties Listed, Determined Eligible, or Evaluated Eligible for the National Register of Historic Places within the proposed Cape Wind-Nantucket Sound Alternatives Project Area. (Includes properties that are within 300 feet of the shoreline and within view of the project alternative).

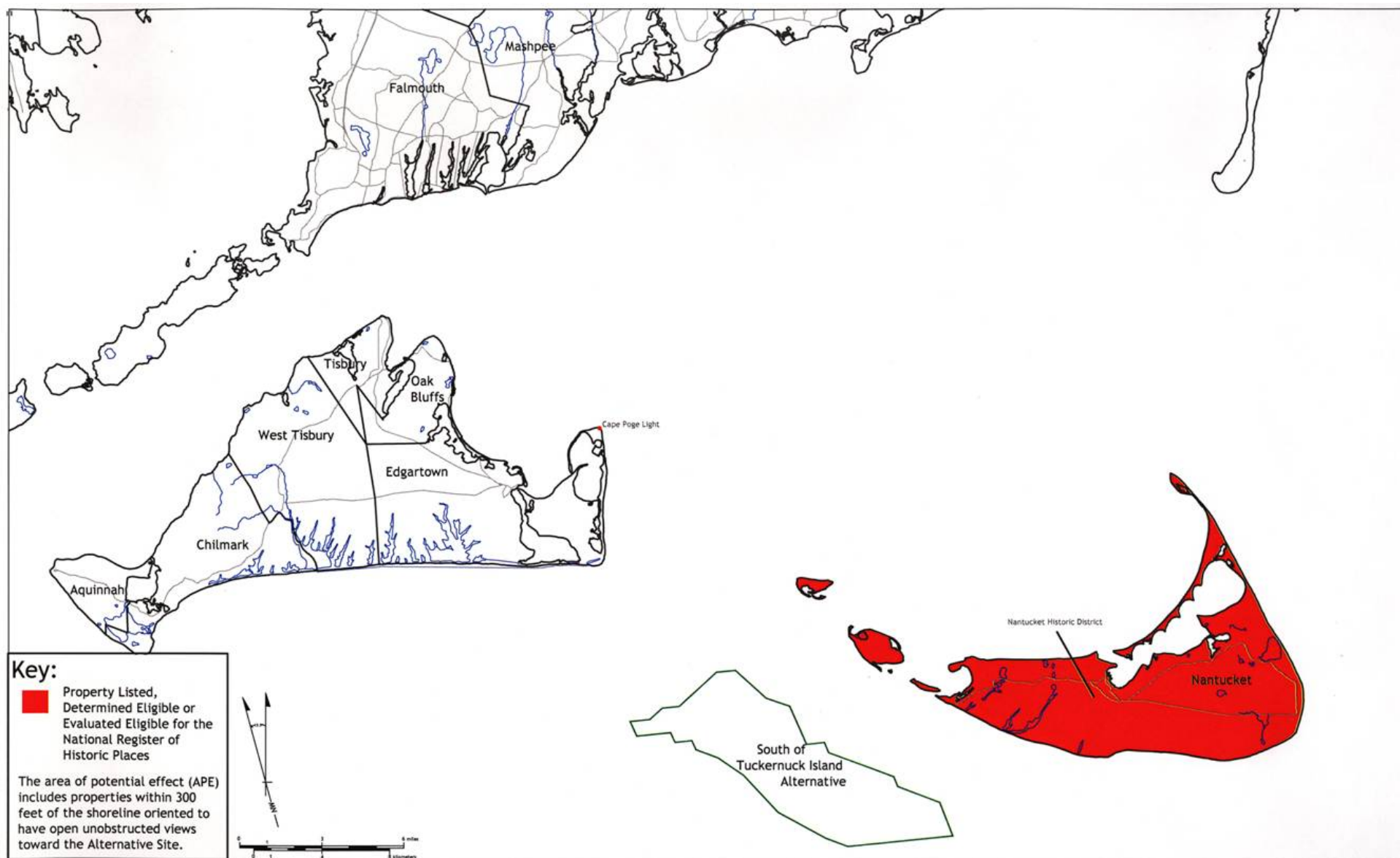


Figure 3-33. Location of Properties Listed, Determined Eligible, or Evaluated Eligible for the National Register of Historic Places within the proposed Cape Wind-South of Tuckernuck Island Project Area. (Includes properties that are within 300 feet of the shoreline and within view of the project alternative).

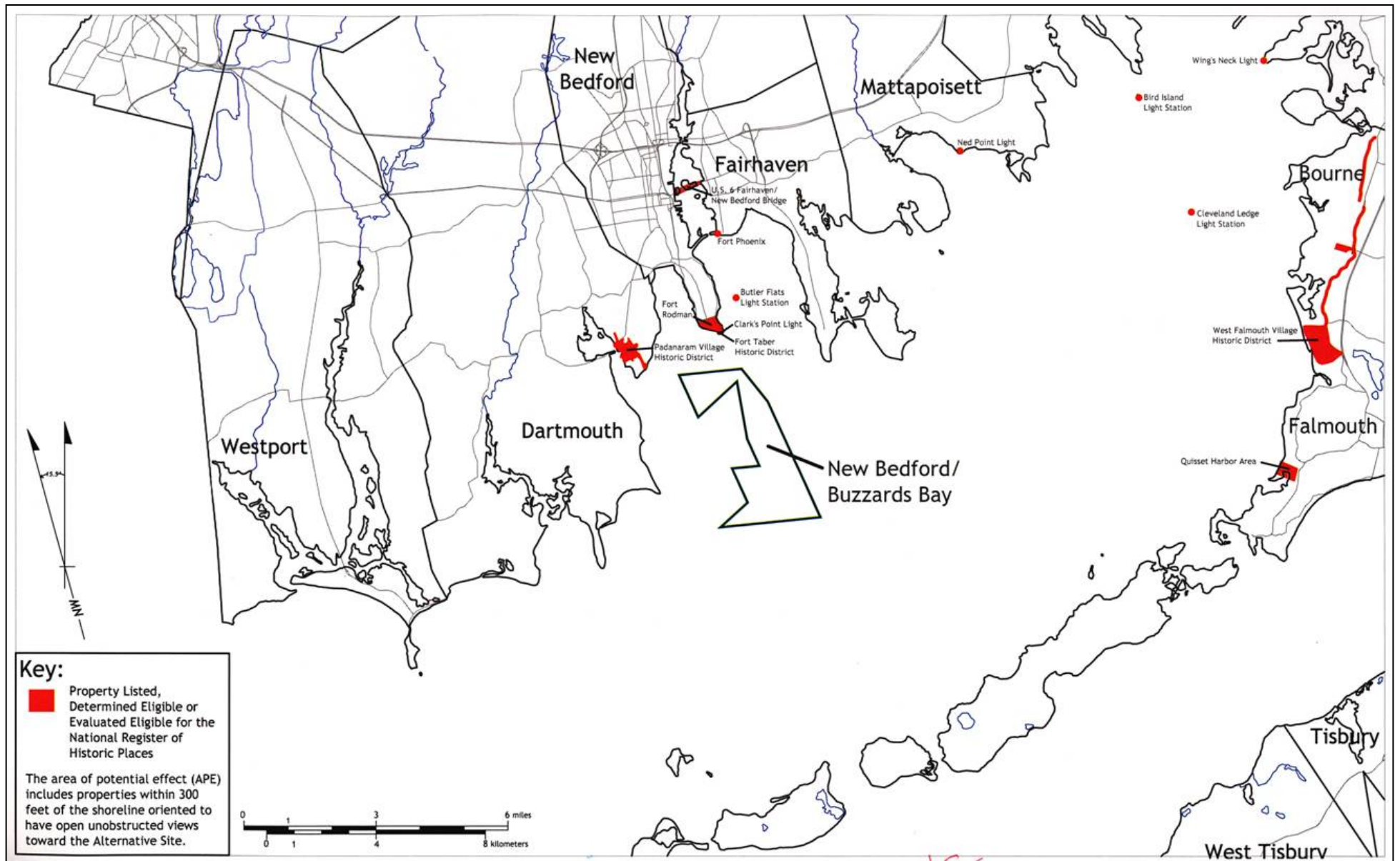


Figure 3-34. Location of Properties Listed, Determined Eligible, or Evaluated Eligible for the National Register of Historic Places within the proposed Cape Wind-New Bedford Alternative Project Area. Includes properties that are within 300 feet of the shoreline and within view of the project alternative.



Cape Wind Project

**Generic Seascape to Represent
Existing Water Views
At Shoreline Locations**

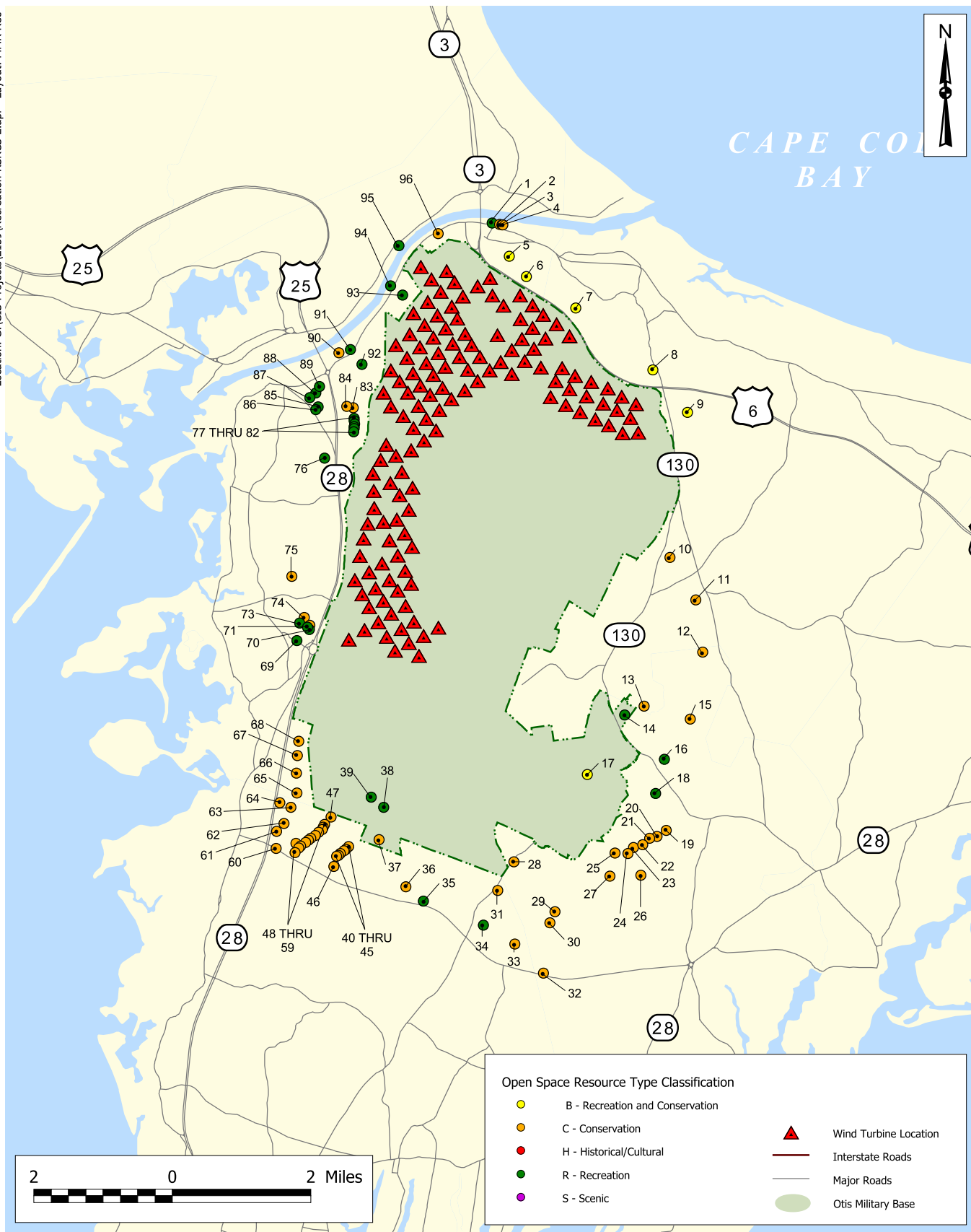
**Figure
3-35**



Cape Wind Project

Existing View of MMR Alternative
Site From Sagamore Bridge,
Cape Cod Canal - Southbound

Figure
3-36

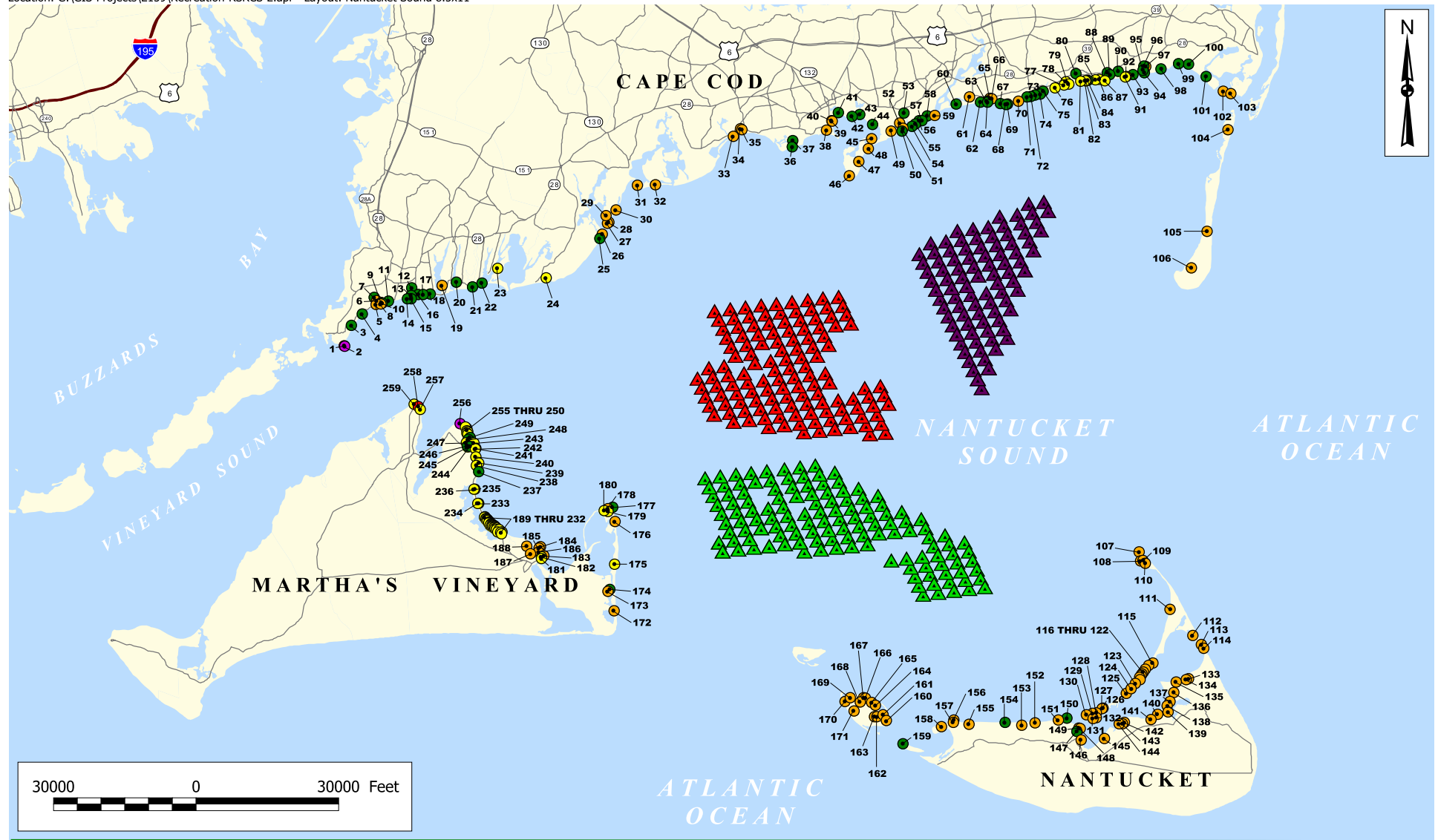


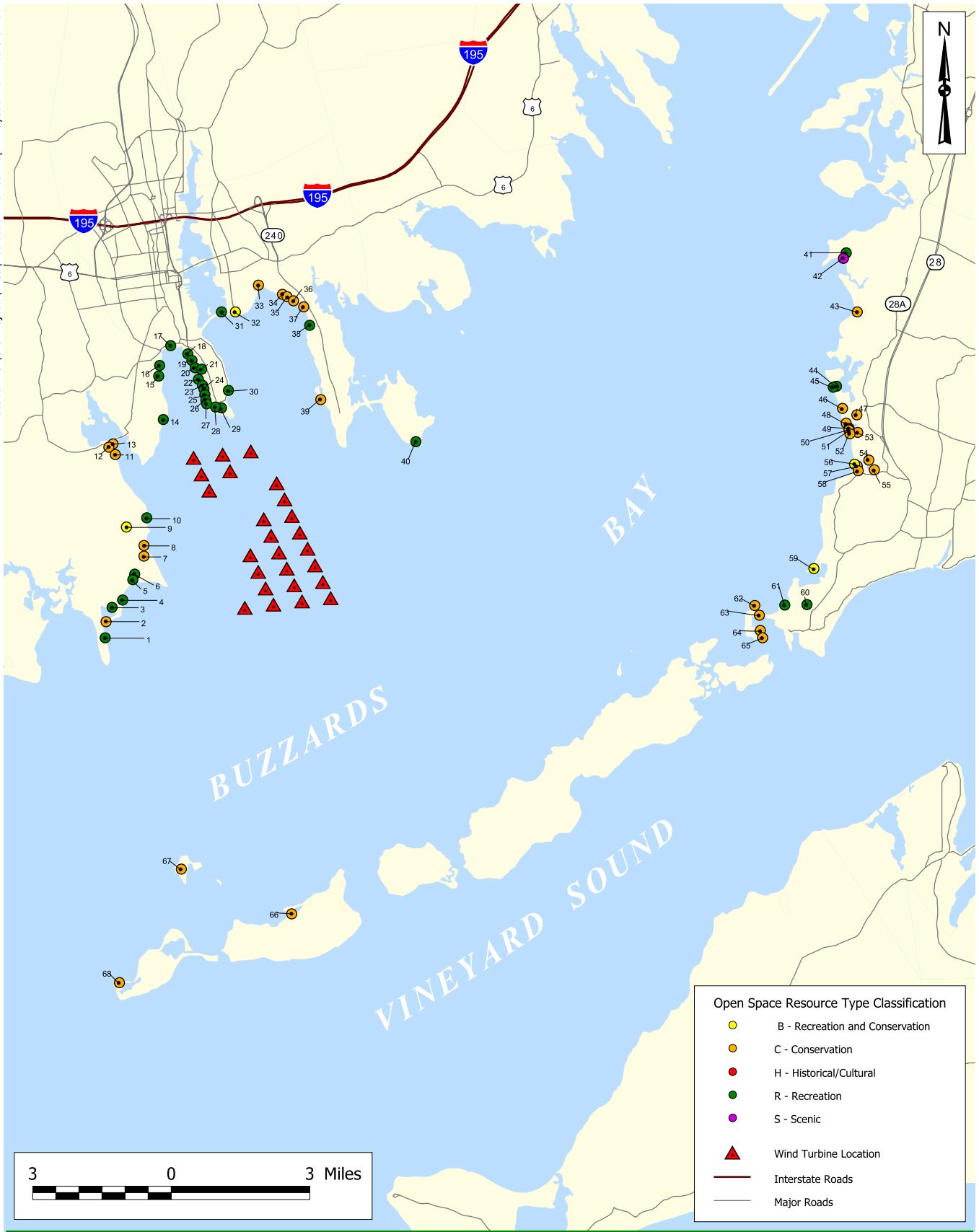
CAPE WIND PROJECT
Southeastern Massachusetts

**Recreational Resources within
Viewshed of the
MMR Alternative**

Scale: 1" = 2 Miles

Source: 1) MassGIS, Town Boundaries, 2002
2) MassGIS, Protected and Recreational Open Space, 2003
3) MassGIS, MHD Roads, 2002
4) ESS, Offshore Alternatives, 2003





CAPE WIND PROJECT Southeastern Massachusetts

Recreational Resources within Viewshed of the New Bedford / Buzzards Bay Offshore Alternative



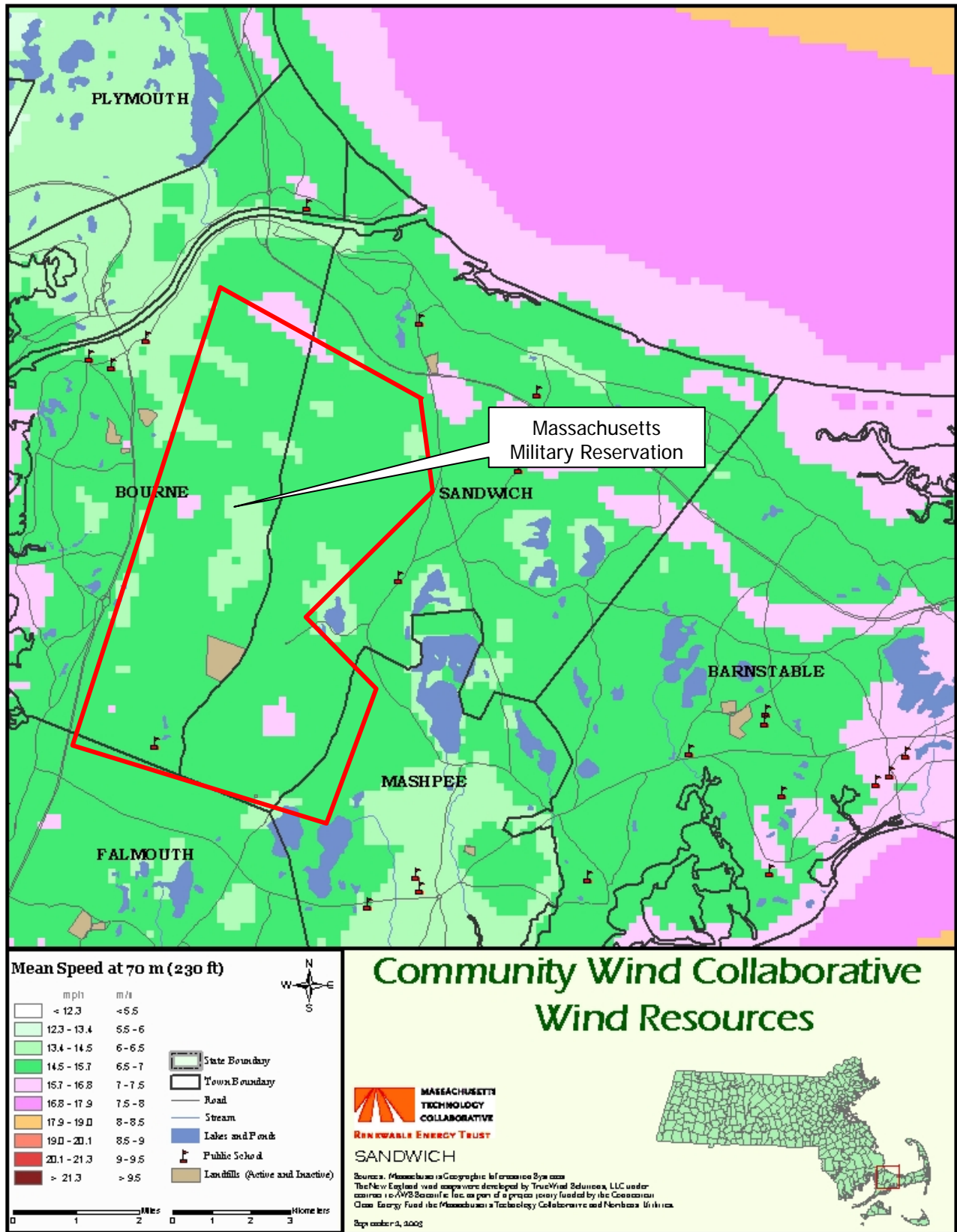
CAPE WIND PROJECT Southeastern Massachusetts

Scale: 1" = 25,000'

Source: 1) MassGIS, Town Boundaries, 2002
2) MassGIS, MHD Roads, 2002
3) ESS, Offshore Alternatives, 2003
4) Tech Environmental, Noise Data, 2004

○ Turbine Location	Legend	★ Sound Monitoring Location
■ Massachusetts Military Reservation Alternative	— Interstate	★ Noise Receptor
■ Monomoy - Handkerchief Shoal Alternative	— U.S. Federal	
■ Horseshoe Shoal Alternative	— State	
■ Combination Alternative New Bedford Portion	— Major Roads	
■ Tuckernuck Shoal Alternative	--- Town Boundary	
■ South of Tuckernuck Island Alternative	— MMR Boundary	

Noise Receptors and
Sound Monitoring Locations
Surrounding the Alternative Sites

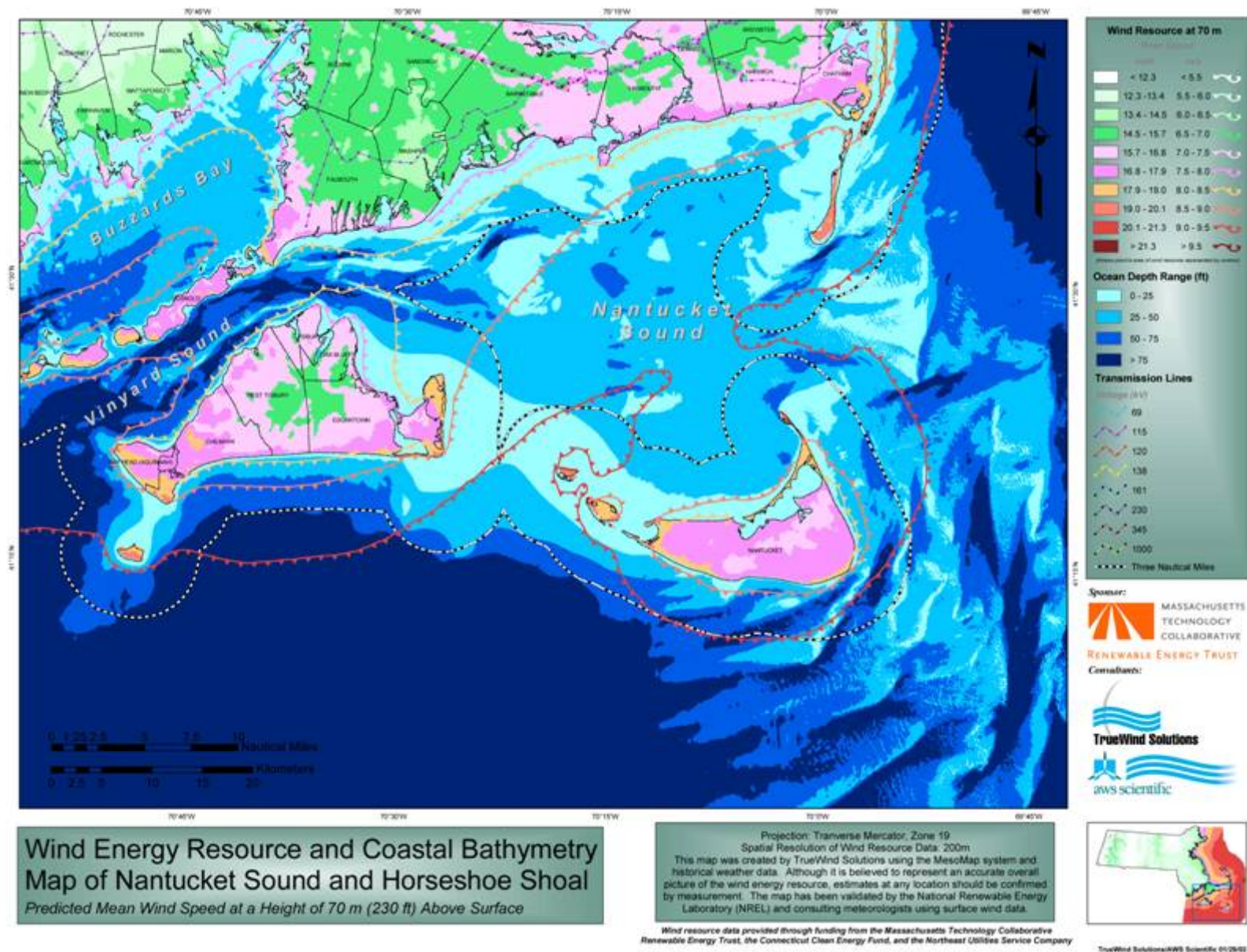


Cape Wind Project

Community Wind Collaborative
Wind Resources
MMR Alternative Site

Source: Massachusetts Technology Collaborative
Renewable Energy Trust
Scale: As Shown

Figure
3-42

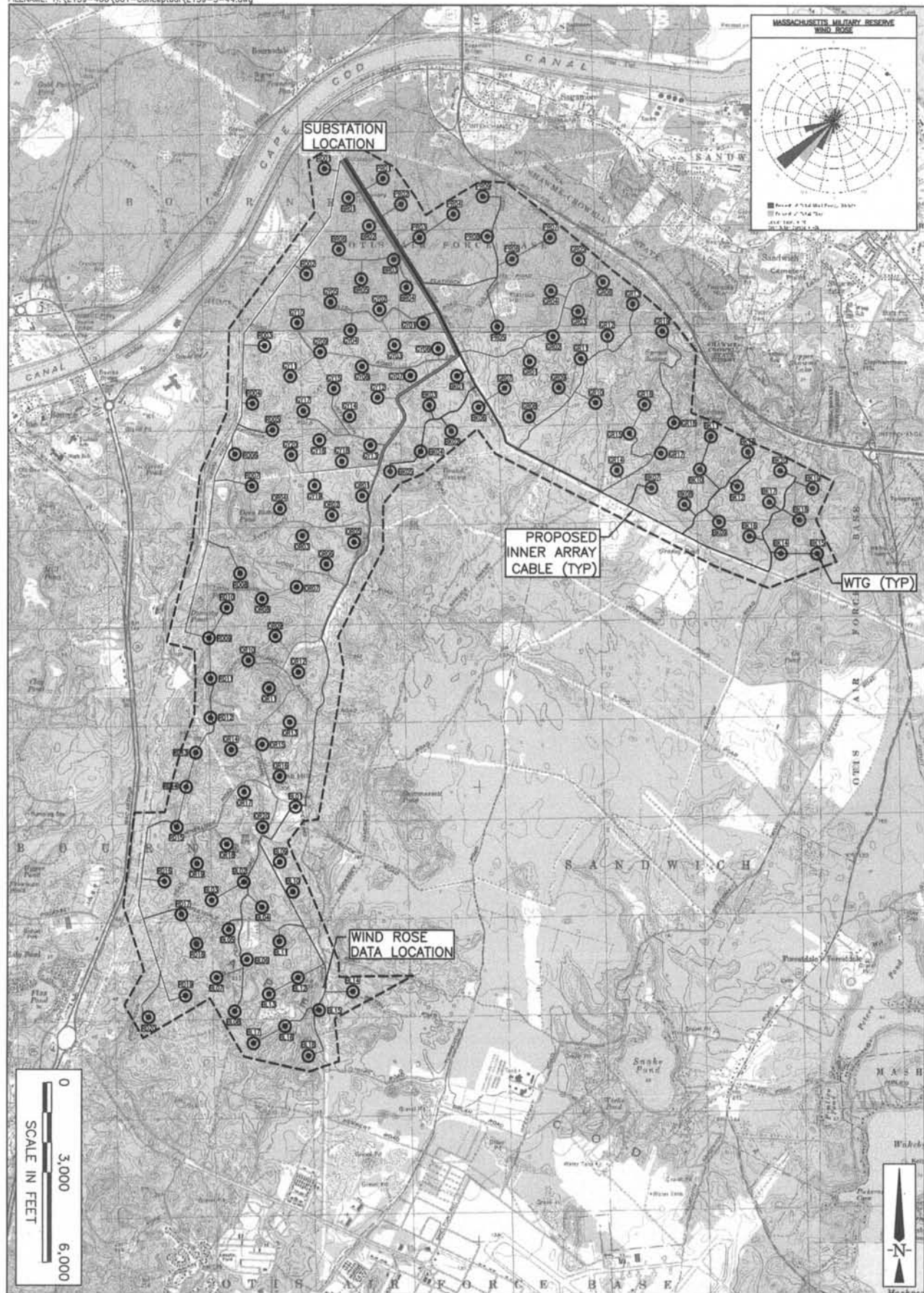


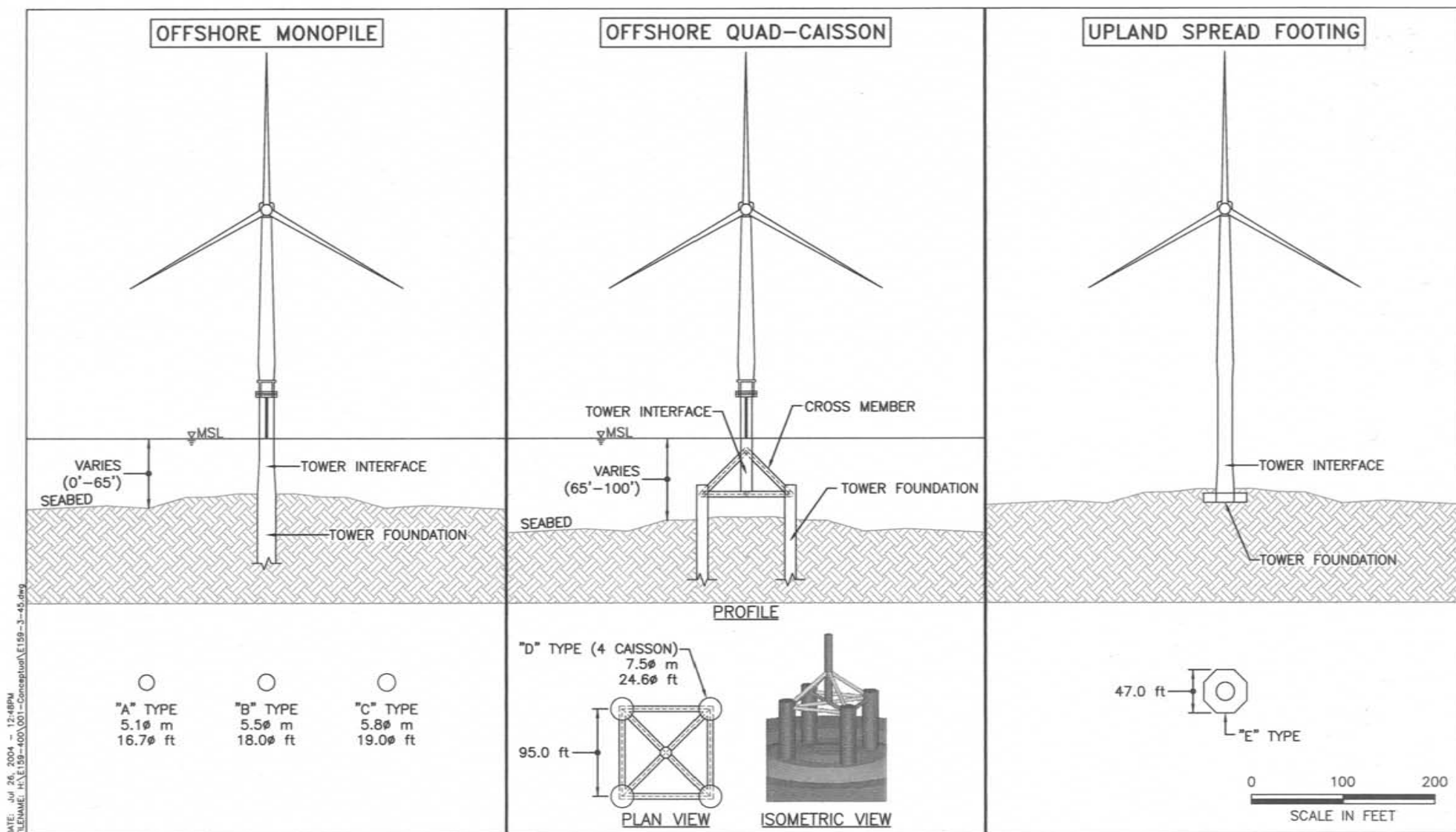
Cape Wind Project

Source: Massachusetts Technology Collaborative
www.mtpc.org/offshore/appendices/NantucketSoundmap.pdf
 Scale: As Shown

Wind Energy Resource and Coastal Bathymetry Map of Nantucket Sound and Horseshoe Shoal

Figure
3-43





DATE: Jul 26, 2004 - 12:48PM
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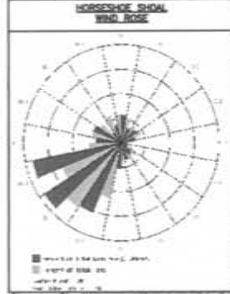
Cape Wind Associates, LLC
 Cape Wind Project
 Nantucket Sound & Approaches

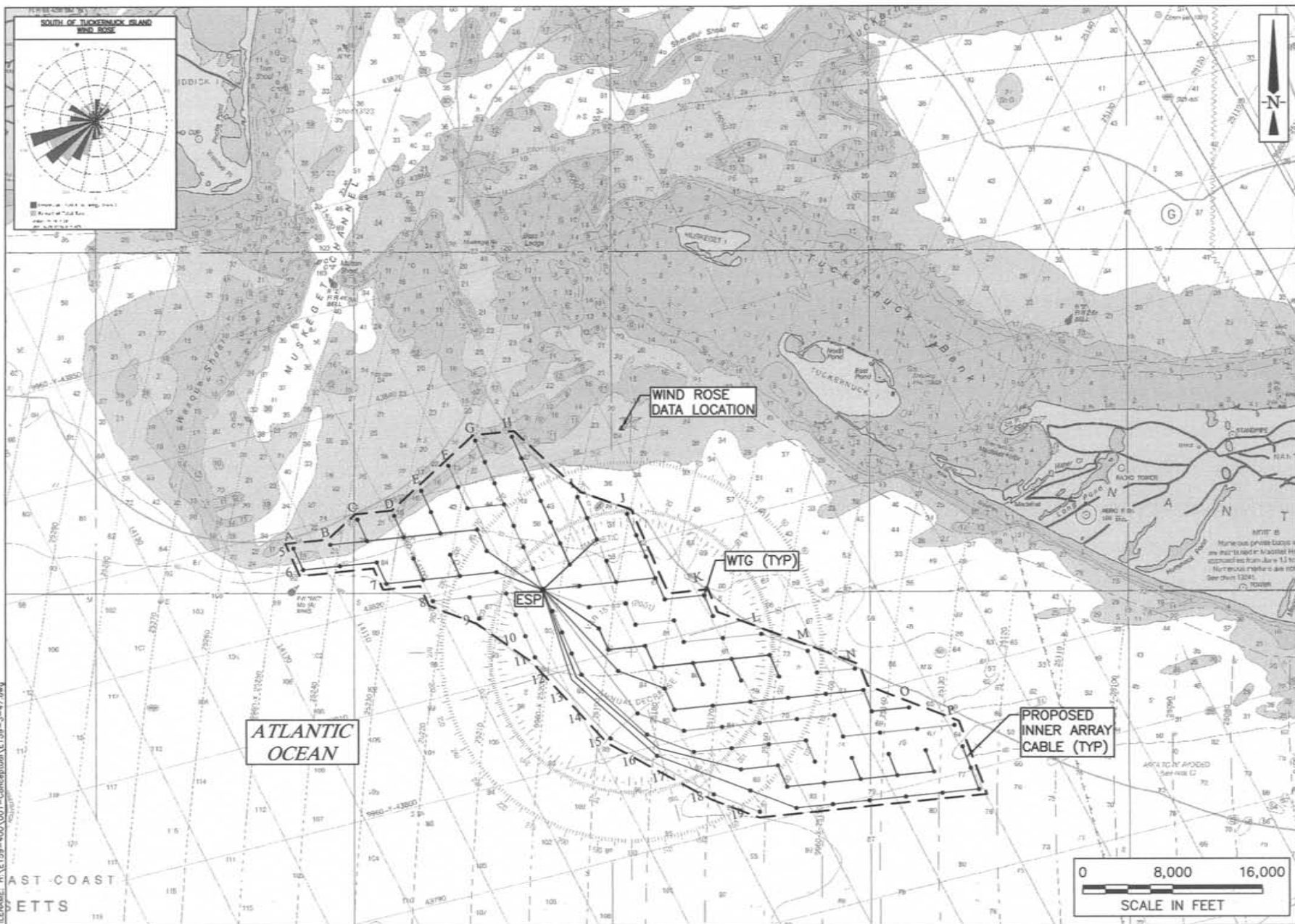
Proposed Wind Turbine Generator
 Foundation Types

Figure
 3-45

237

LOAN, J. OVERPLOT



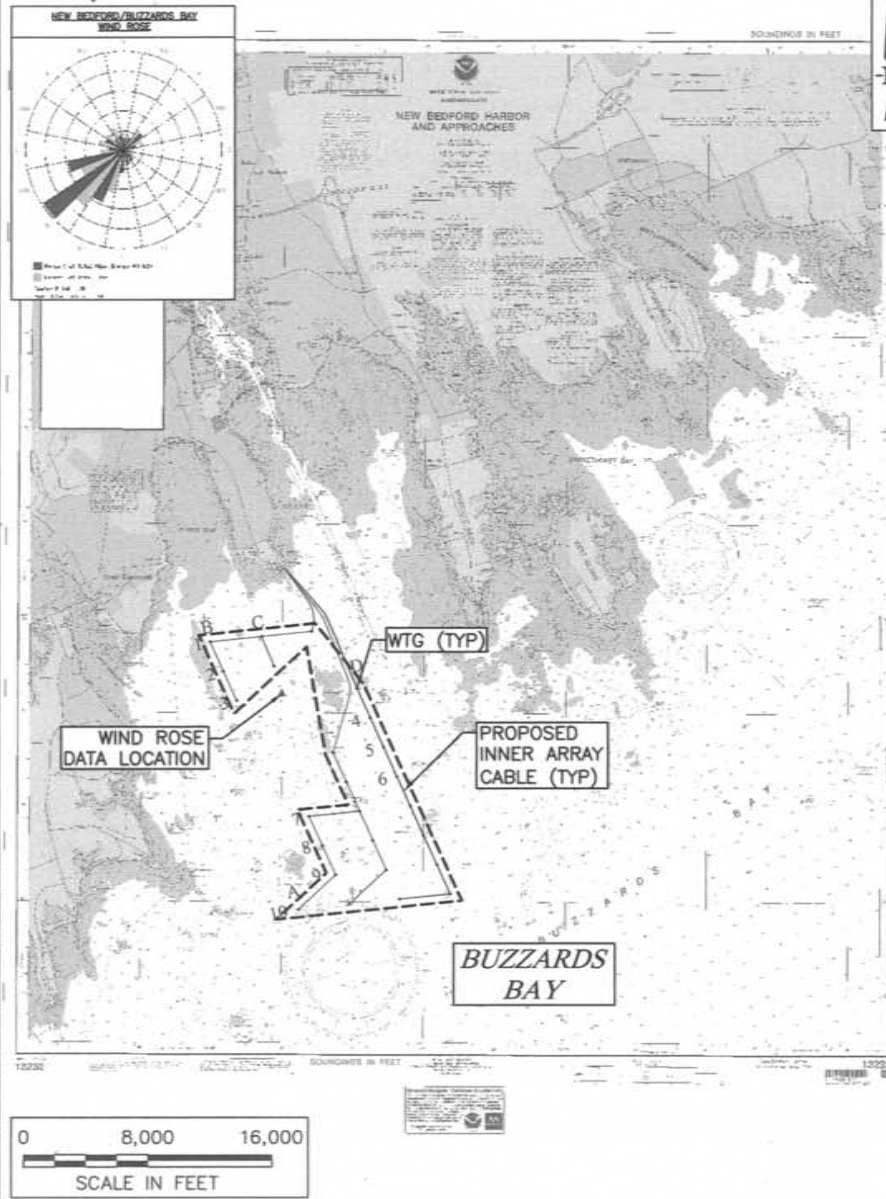


South of Tuckernuck Island Alternative Proposed Site Layout

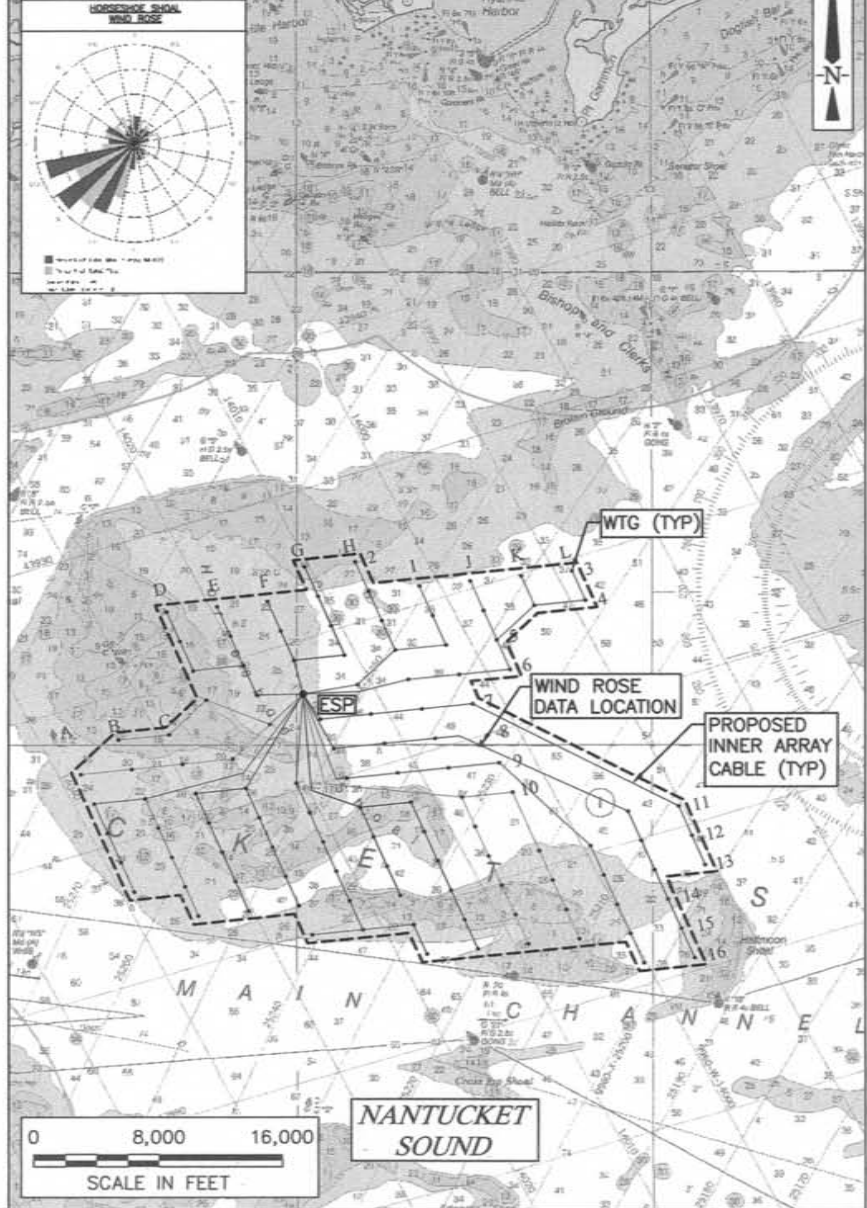
Cape Wind Associates, LLC
 Cape Wind Project

ESS
 GROUP, INC.
 Engineers
 Scientists
 Consultants

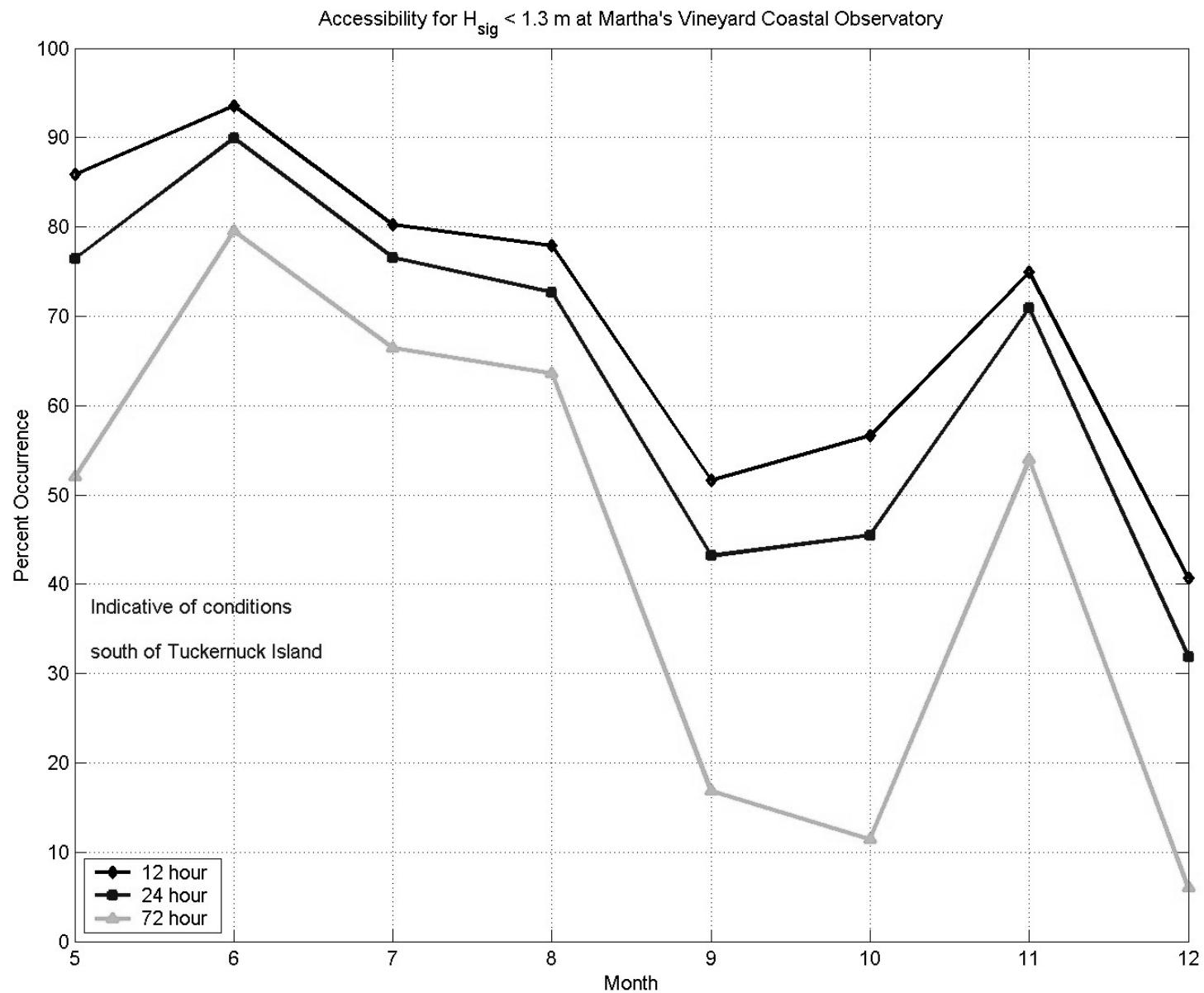
NEW BEDFORD/BUZZARDS BAY



HORSESHOE SHOAL



Combination Alternative: New Bedford/Buzzards Bay and Reduced Horseshoe Shoal Proposed Site Layouts

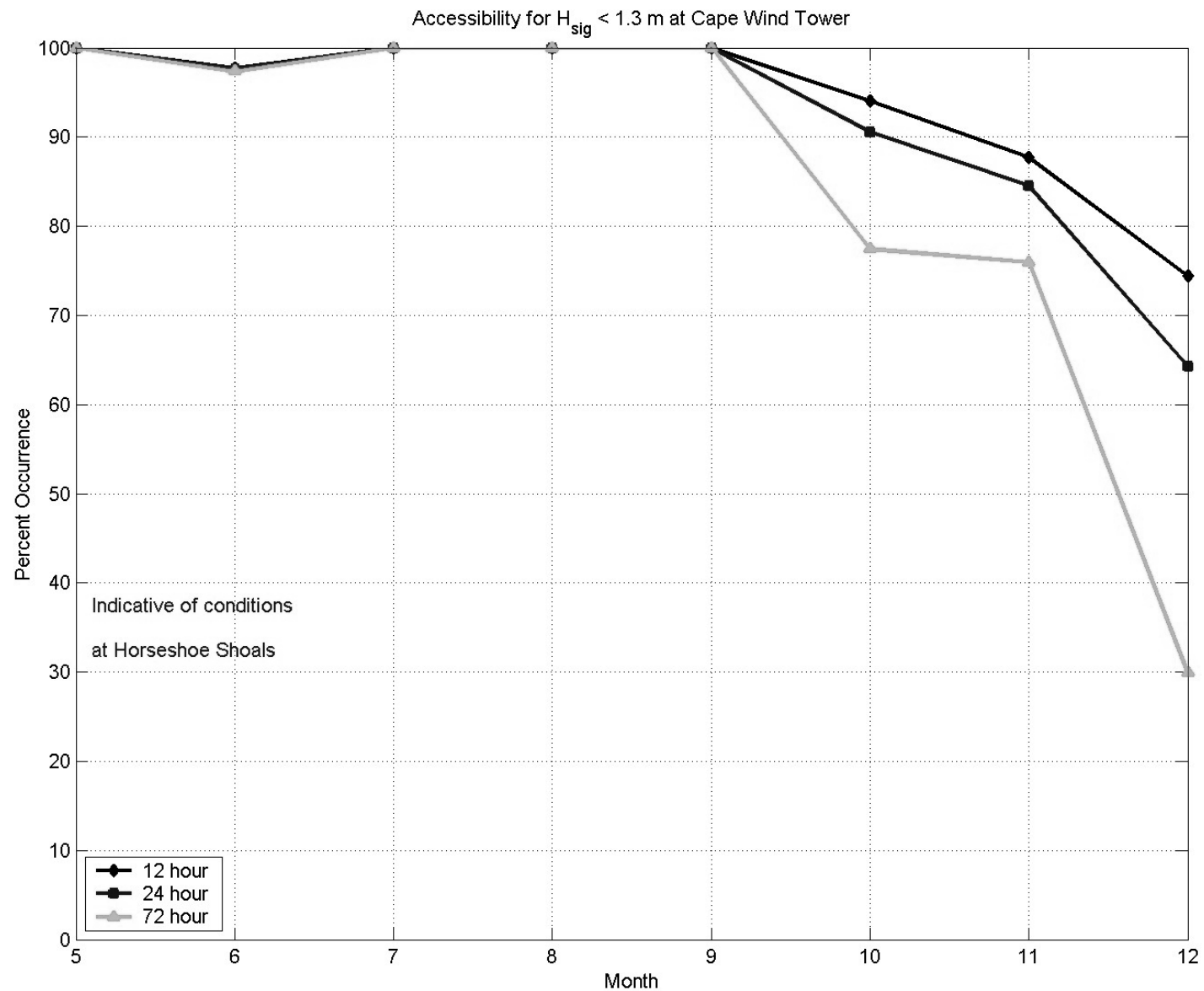


Cape Wind Project

**Maintenance Accessibility Wave Frequency
At Martha's Vineyard Coastal Observatory**

Source: Woods Hole Group, Inc. using May 14, 2003 through December 31, 2003
Data from Martha's Vineyard Coastal Observatory

**Figure
3-49**

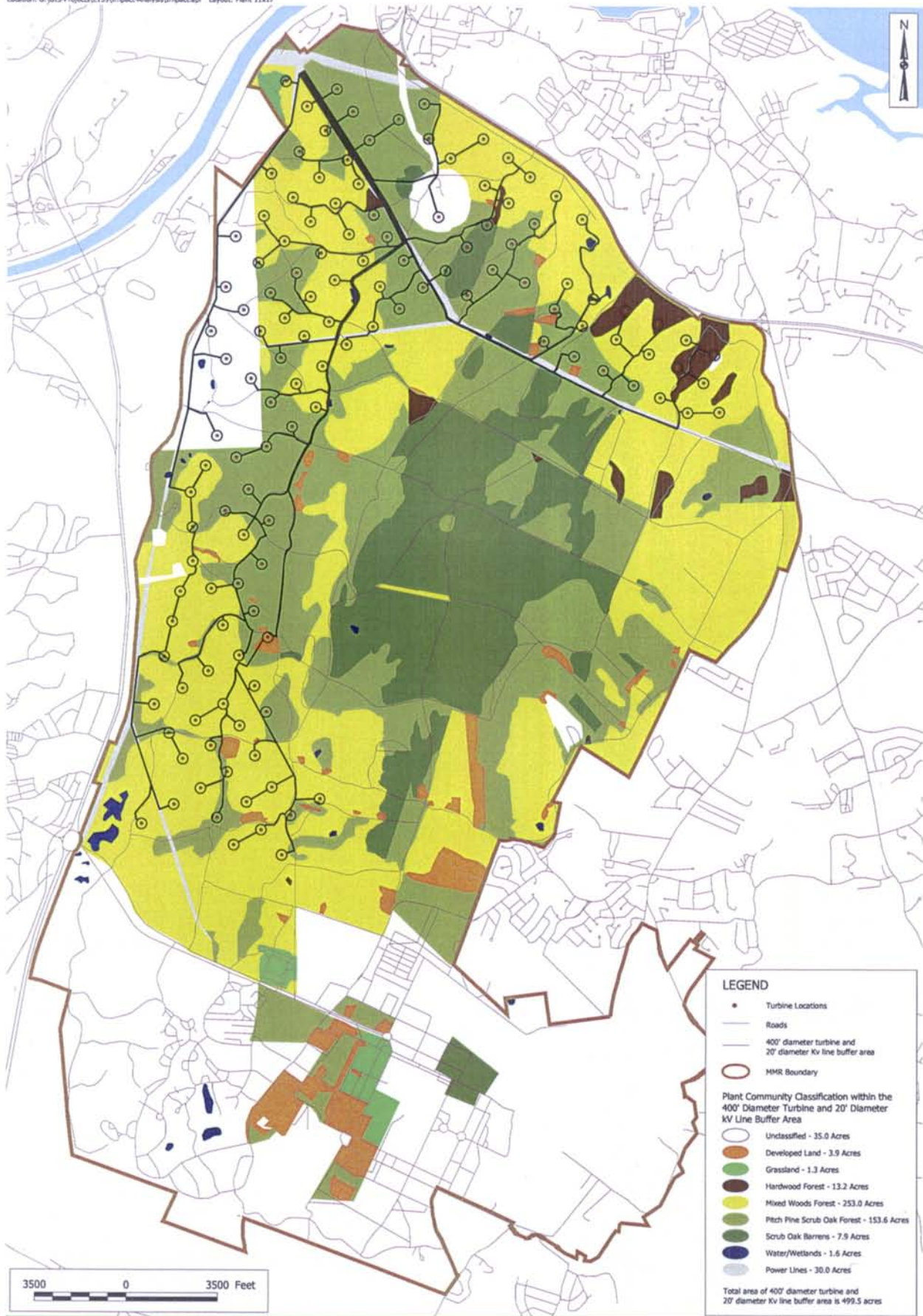


Cape Wind Project

Maintenance Accessibility Wave Frequency
At Cape Wind Tower

Source: Woods Hole Group, Inc. using May 14, 2003 through December 31, 2003
Data from Cape Wind Scientific Measurement Device Station, Nantucket Sound

Figure
3-50

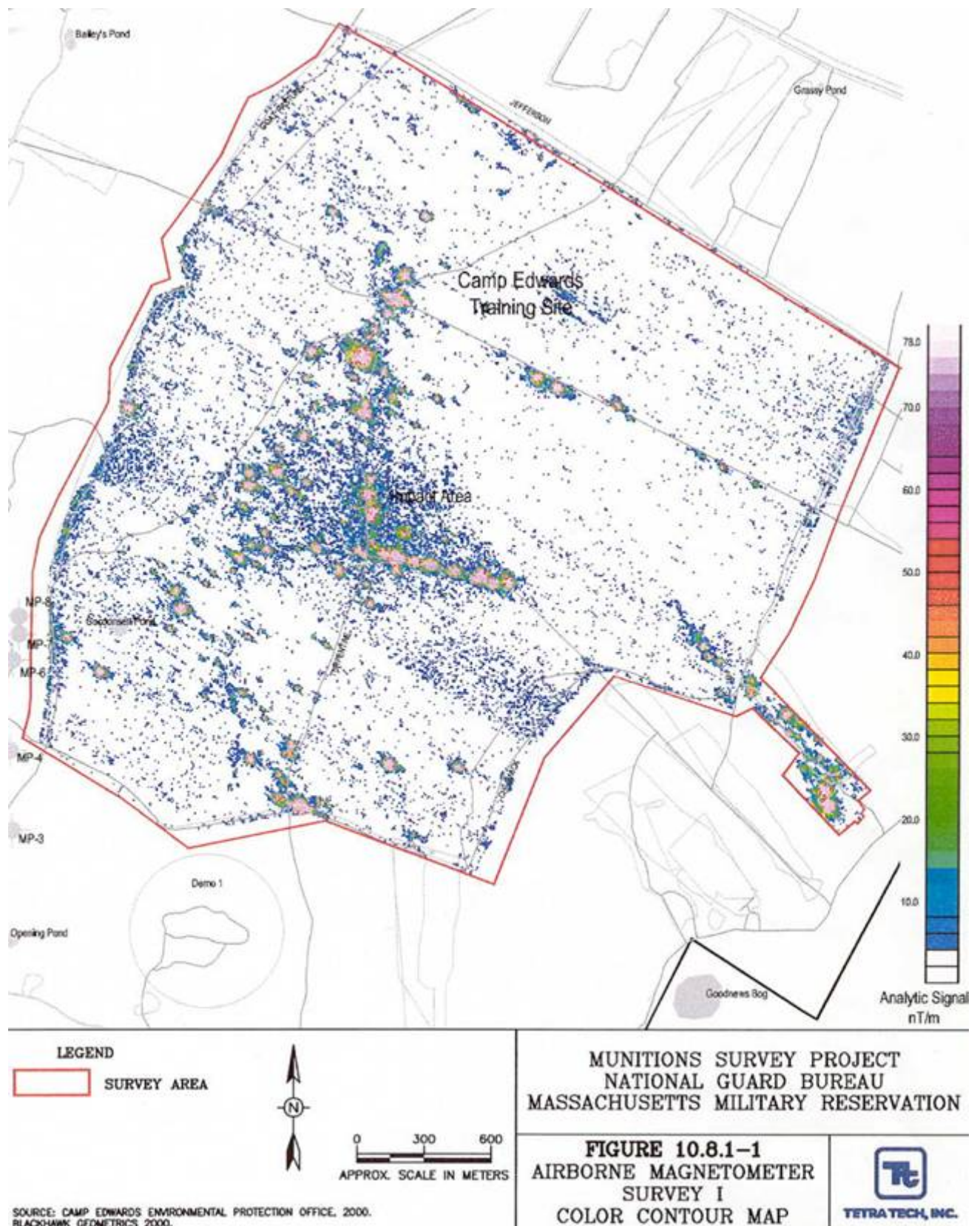


CAPE WIND PROJECT
Bourne-Sandwich, Massachusetts

Scale: 1" = 3,500'

Source: 1) MassGIS, Town Boundaries, 2003
2) MassGIS, MMR Roads, 2003
3) MA State Quartermasters GIS Office, Plant Communities, 2003
4) MassGIS, MMR Boundary, 1978

**Anticipated Area
of Project Impact
by Cover Type**



Cape Wind Project

**Indicator Map of Magnetic Material in Soil
At the Massachusetts Military Reservation
Alternative Site**

Source: www.mmr.org
Scale: as shown

**Figure
3-52**

Massachusetts Military Reservation (MMR)



Photo-Rendering Data

Viewpoint Name	Sagamore Bridge - MMR
Viewpoint #	A6
Viewpoint Location	41° 46' 26.5"N 70° 32' 37.8"W
Percentage of Total Turbines Visible in F.O.V.	50%
Date Parameter	01/21/04
Time Parameter	01:15 PM
Temperature & Visibility	25° F Clear
Direction of View	2° East of South
Field Of View (F.O.V.)	39.6°
Focal Length1	50mm
Closest Turbine in F.O.V.	0.81 miles
Furthest Turbine in F.O.V.	6.25 miles
Camera Elevation	126'

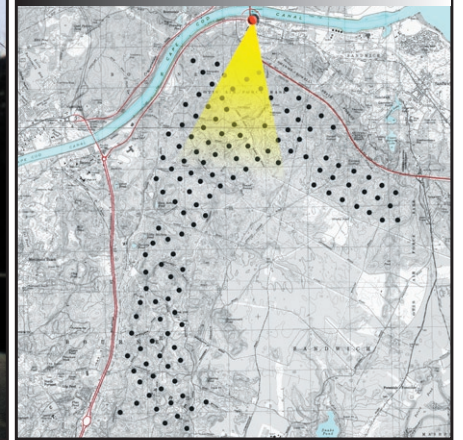
* This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

1 Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	White (R=255 G=255 B=255)
Height to Hub	267'
Hub Diameter	7.6'
Bounding Dimensions of Nacel (LxWxH)	27' X 10' X 11'
Maximum Width of Tower	8' dia
Minimum Width of Tower	15.6' dia
Rotor Diameter	254'
Maximum Rotor Blade Width	6'
Maximum Height	391'
Wind Direction	SW
Height of Turbine Platform above Sea Level	NA
Bounding Dim. of ESP (LxWxH)	NA
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	NA

Alternate Wind Park Location - MMR



MMR Alternative

Figure 3 - 53

Potential View from Sagamore Bridge, MA

Prepared By:



March 2004

Horseshoe Shoal Alternative - Daytime View



Photo-Rendering Data

Viewpoint Name	Wianno - Horseshoe Shoal Alt.
Viewpoint #	A4
Viewpoint Location	41° 37' 01.10"N 70° 22' 12.67"W
Percentage of Total Turbines Visible	91%
Date Parameter	06/21/04
Time Parameter	11:00 AM
Temperature & Visibility	NA
Direction of View	20° East of South
Field Of View	39.6
Focal Length ¹	50mm
Closest Turbine	5.67 miles
Furthest Turbine	12.63 miles
Camera Elevation	5.1'

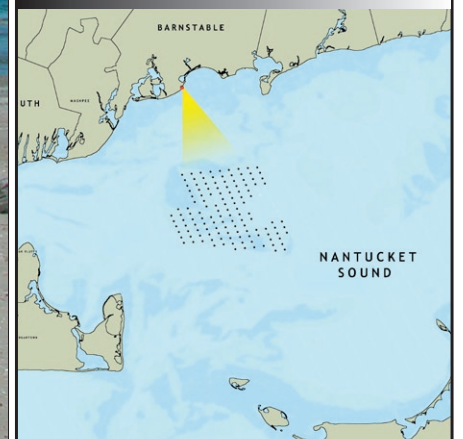
¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
 * This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Horseshoe Shoal



Horseshoe Shoal Alternative

Figure 3 - 54

Potential View from Wianno, Barnstable, Cape Cod

Prepared By:



March 2004

Horseshoe Shoal Alternative - Nighttime View



Photo-Rendering Data

Viewpoint Name	Wianno - Horseshoe Shoal Alt.
Viewpoint #	N4
Viewpoint Location	41° 37' 01.10"N 70° 22' 12.67"W
Percentage of Total Turbines Visible	91%
Date Parameter	NA
Time Parameter	NA
Temperature & Visibility	NA
Direction of View	20° East of South
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	5.67 miles
Furthest Turbine	12.63 miles
Camera Elevation	5.1'

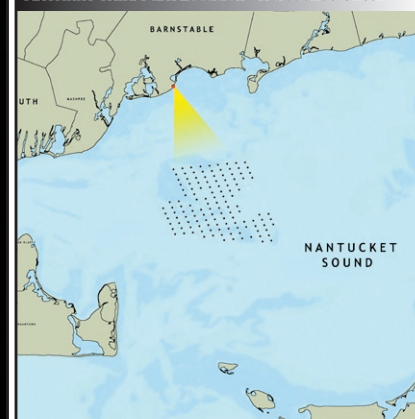
¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Horseshoe Shoal



Horseshoe Shoal Alternative

Figure 3 - 55

Potential View from Wianno, Barnstable, Cape Cod

Prepared By:



March 2004

Handkerchief Shoal Alternative - Daytime View



Photo-Rendering Data

Viewpoint Name	Monomoy - Handkerchief Alt.
Viewpoint #	A2
Viewpoint Location	41° 33' 43.23"N 70° 00' 06.19"W
Percentage of Total Turbines Visible	83%
Date Parameter	06/21/04
Time Parameter	11:00 AM
Temperature & Visibility	NA
Direction of View	1° North of West
Field Of View	39.6°
Focal Length1	50mm
Closest Turbine	6.4 miles
Furthest Turbine	11.0 miles
Camera Elevation	5.1'

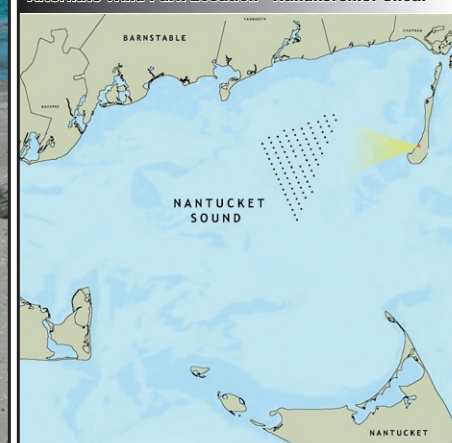
* Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
 * This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

1 Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Handkerchief Shoal



Handkerchief Shoal Alternative

Figure 3 - 56

Potential View from Monomoy Shore, Chatham, Cape Cod

Prepared By:



March 2004

Handkerchief Shoal Alternative - Nighttime View



Photo-Rendering Data

Viewpoint Name	Monomoy - Handkerchief Alt.
Viewpoint #	N3
Viewpoint Location	41° 33' 43.23" N 70° 00' 06.19" W
Percentage of Total Turbines Visible	83%
Date Parameter	NA
Time Parameter	NA
Temperature & Visibility	NA
Direction of View	1° North of West
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	6.4 miles
Furthest Turbine	11.0 miles
Camera Elevation	5.1'

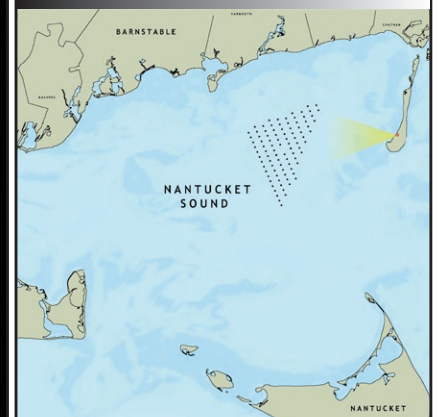
¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Handkerchief Shoal



Handkerchief Shoal Alternative

Figure 3 - 57

Potential View from Monomoy Shore, Chatham, Cape Cod

Prepared By:



March 2004

Tuckernuck Shoal Alternative - Daytime View



Photo-Rendering Data

Viewpoint Name	Cape Poge - Tuckernuck Shoal Alt.
Viewpoint #	A1
Viewpoint Location	41° 25' 10.25"N 70° 27' 01.13"W
Percentage of Total Turbines Visible	99%
Date Parameter	06/21/04
Time Parameter	11:00 AM
Temperature & Visibility	NA
Direction of View	2° South of East
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	3.9 miles
Furthest Turbine	15.2 miles
Camera Elevation	5.1'

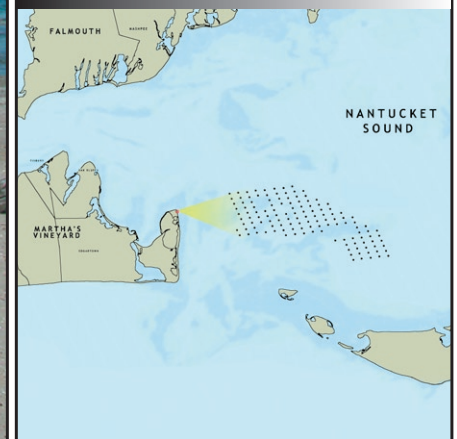
¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Tuckernuck Shoal



Tuckernuck Shoal Alternative

Figure 3 - 58

Potential View from Cape Poge, Martha's Vineyard

Prepared By:



March 2004

Tuckernuck Shoal Alternative - Nighttime View



Photo-Rendering Data

Viewpoint Name	Cape Poge - Tuckernuck Shoal Alt.
Viewpoint #	N1
Viewpoint Location	41° 25' 10.25"N 70° 27' 01.13"W
Percentage of Total Turbines Visible	99%
Date Parameter	NA
Time Parameter	NA
Temperature & Visibility	NA
Direction of View	2° South of East
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	3.9 miles
Furthest Turbine	15.2 miles
Camera Elevation	5.1'

¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.

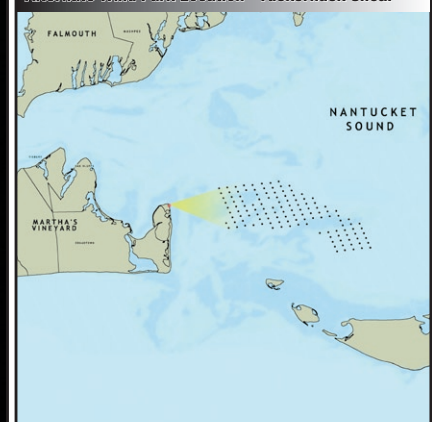
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Tuckernuck Shoal



Tuckernuck Shoal Alternative

Figure 3 - 59

Potential View from Cape Poge, Martha's Vineyard

Prepared By:



March 2004

Tuckernuck Island Alternative - Daytime View



Photo-Rendering Data

Viewpoint Name	Nantucket - Tuckernuck Island Alt.
Viewpoint #	A2
Viewpoint Location	41° 15' 39.45" N 70° 12' 32.06" W
Percentage of Total Turbines Visible	47%
Date Parameter	06/21/04
Time Parameter	11:00 AM
Temperature & Visibility	NA
Direction of View	28° South of West
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	3.8 miles
Furthest Turbine	12.3 miles
Camera Elevation	5.1'

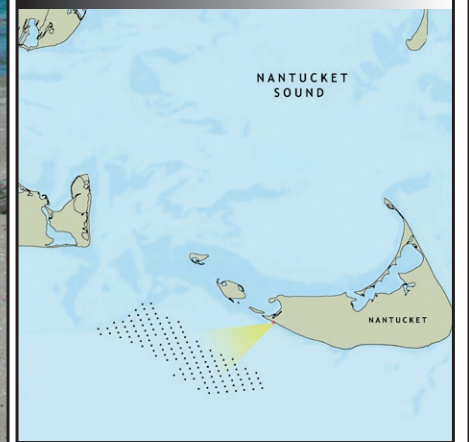
¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40 X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Tuckernuck Island



Tuckernuck Island Alternative

Figure 3 - 60

Potential View from Madaket Shoreline, Nantucket

Prepared By:



March 2004

Tuckernuck Island Alternative - Nighttime View



Photo-Rendering Data

Viewpoint Name	Nantucket - Tuckernuck Island Alt.
Viewpoint #	N2
Viewpoint Location	41° 15' 39.45"N 70° 12' 32.06"W
Percentage of Total Turbines Visible	47%
Date Parameter	NA
Time Parameter	NA
Temperature & Visibility	NA
Direction of View	28° South of West
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	3.8 miles
Furthest Turbine	12.3 miles
Camera Elevation	5.1'

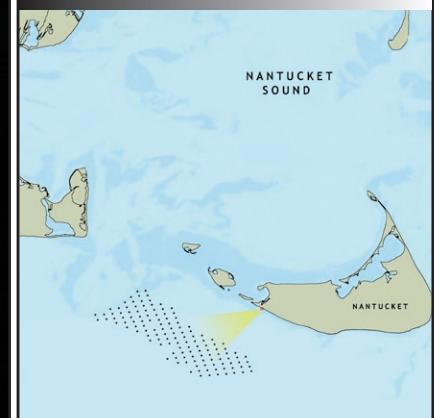
¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Tuckernuck Island



Tuckernuck Island Alternative

Figure 3 - 61

Potential View from Madaket Shoreline, Nantucket

Prepared By:



March 2004

Horseshoe Shoal Reduced Size Alternative - Daytime View



Photo-Rendering Data

Viewpoint Name	Wianno - Horseshoe Reduced Alt.
Viewpoint #	A4
Viewpoint Location	41° 37' 01.10"N 70° 22' 12.67"W
Percentage of Total Turbines Visible	91%
Date Parameter	06/21/04
Time Parameter	11:00 AM
Temperature & Visibility	NA
Direction of View	20° East of South
Field Of View	39.6°
Focal Length1	50mm
Closest Turbine	6.24 miles
Furthest Turbine	12.63 miles
Camera Elevation	5.1'

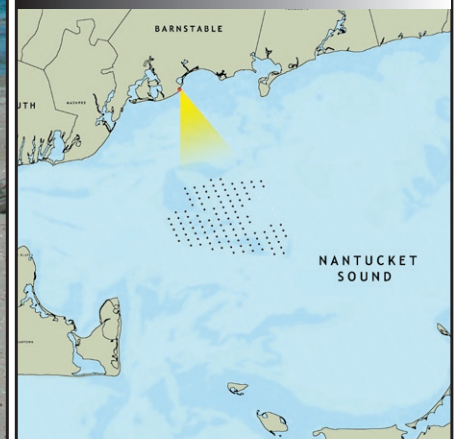
* Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
 * This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

1 Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40 X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Horseshoe Shoal



Horseshoe Shoal Reduced Size Alternative

Figure 3 - 62

Potential View from Wianno, Barnstable, Cape Cod

Prepared By:



March 2004

Horseshoe Shoal Reduced Size Alternative - Nighttime View



Photo-Rendering Data

Viewpoint Name	Wianno - Horseshoe Reduced Alt.
Viewpoint #	N4
Viewpoint Location	41° 37' 01.10"N 70° 22' 12.67"W
Percentage of Total Turbines Visible	91%
Date Parameter	NA
Time Parameter	NA
Temperature & Visibility	NA
Direction of View	20° East of South
Field Of View	39.6°
Focal Length1	50mm
Closest Turbine	8.24 miles
Furthest Turbine	12.63 miles
Camera Elevation	5.1'

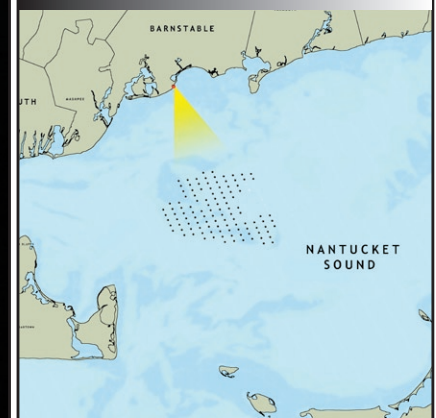
* Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
 * This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

1Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - Horseshoe Shoal



Horseshoe Shoal Reduced Size Alternative

Figure 3 - 63

Potential View from Wianno, Barnstable, Cape Cod

Prepared By:



March 2004

New Bedford Alternative - Daytime View



Photo-Rendering Data

Viewpoint Name	S. Dartmouth to New Bedford Alt.
Viewpoint #	A5
Viewpoint Location	41° 34' 48.10"N 70° 56' 03.21"W
Percentage of Total Turbines Visible	56%
Date Parameter	06/21/04
Time Parameter	11:00 AM
Temperature & Visibility	NA
Direction of View	40° East of South
Field Of View	39.6°
Focal Length ¹	50mm
Closest Turbine	.90 miles
Furthest Turbine	4.58 miles
Camera Elevation	5.1'

¹ Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
² This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

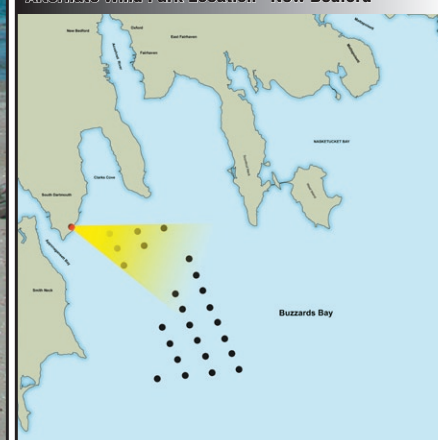
¹ Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'

Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - New Bedford



New Bedford Alternative

Figure 3 - 64

Potential View from South Dartmouth, MA

Prepared By:



March 2004

New Bedford Alternative - Nighttime View



Photo-Rendering Data

Viewpoint Name	S. Dartmouth to New Bedford Alt.
Viewpoint #	N5
Viewpoint Location	41° 34' 48.10"N 70° 56' 03.21"W
Percentage of Total Turbines Visible	56%
Date Parameter	NA
Time Parameter	NA
Temperature & Visibility	NA
Direction of View	40° East of South
Field Of View	39.6°
Focal Length1	50mm
Closest Turbine	.90 miles
Furthest Turbine	4.58 miles
Camera Elevation	5.1'

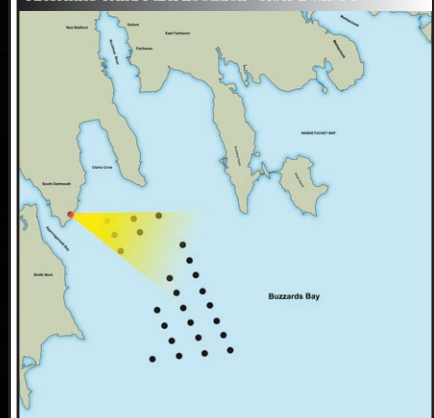
* Please note that this photo rendering uses a generic seascape image that is not intended to represent actual conditions at a given location.
 * This rendering is a representation of the scale, layout, color, and lighting of the proposed alternative wind park, as perceived from the selected location.

¹Displayed in 35mm equivalent

Model Dimensions and Data

Proposed Color of Turbine	Blue Gray (R=77 G=194 B=215)
Height to Hub	240'
Hub Diameter	13.3'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	341'
Maximum Rotor Blade Width	12'
Maximum Height above Sea Level	417'
Wind Direction	SW
Height of Turbine Platform above Sea Level	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864/L865 L810
Coast Guard Warning Lights	Dual Amber USCG Lights

Alternate Wind Park Location - New Bedford



New Bedford Alternative

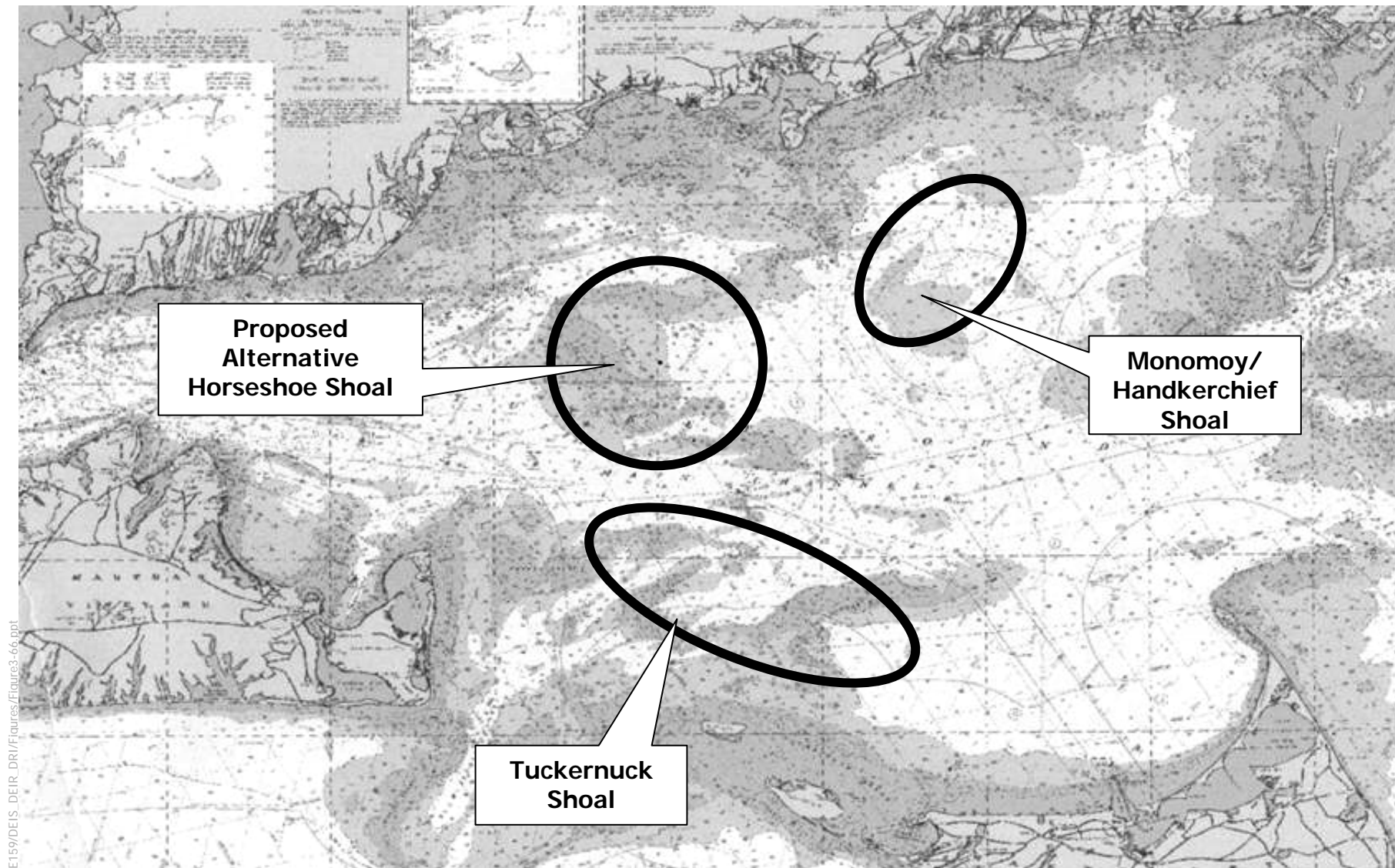
Potential View from South Dartmouth, MA

Prepared By:

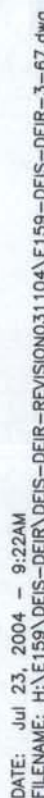


Figure 3 - 65

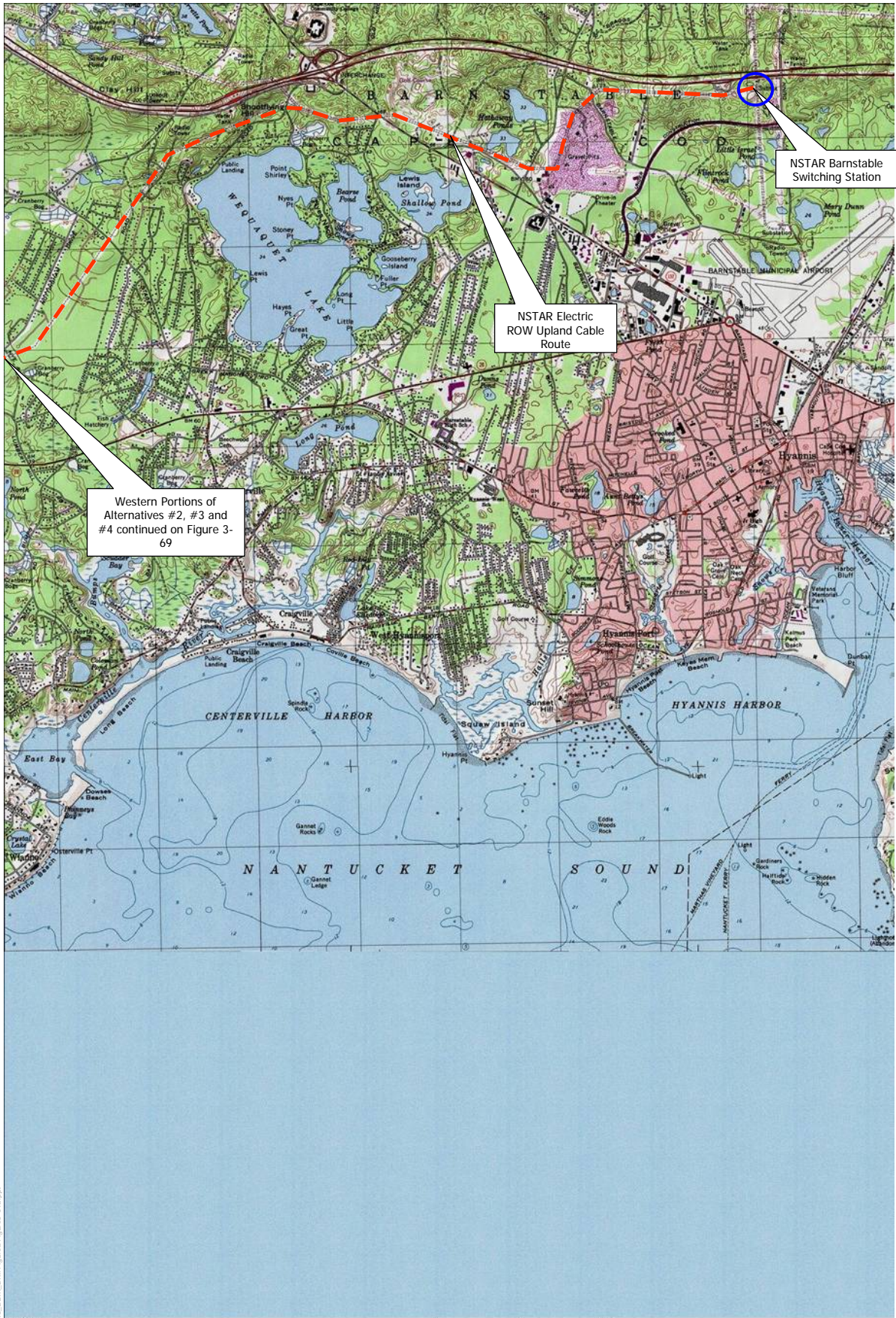
March 2004



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NSTAR Barnstable Switching Station

NSTAR Electric ROW Upland Cable Route

Western Portions of Alternatives #2, #3 and #4 continued on Figure 3-69

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